

**Alignment Report for Language Arts 300
Washington - Language Arts - Grades 3-5**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grade 3	
Section	Description	Lesson Title
WRI.3.1.1.1.b	Plans intentionally with some detail using visual tools (e.g., webs, diagrams, drawings, graphic organizers).	Project: Book Report -- Biography
WRI.3.1.1.1.c	Gathers information from more than one source and takes notes.	Project: Informational Report
WRI.3.1.1.1.c	Gathers information from more than one source and takes notes.	Reading for Information
WRI.3.1.2.1.b	Works on one draft on a single topic over several days.	Grammar: Singular and Plural Nouns (1)
WRI.3.1.3.1.a	Rereads own writing for meaning orally or silently.	Project: Book Report -- Biography
WRI.3.1.3.1.a	Rereads own writing for meaning orally or silently.	Project: McCoy Today
WRI.3.1.3.1.a	Rereads own writing for meaning orally or silently.	Spelling Lesson 3
WRI.3.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - checking for repetitious beginnings; second reading - looking for specific nouns).	Project: Book Report -- Biography
WRI.3.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - checking for repetitious beginnings; second reading - looking for specific nouns).	Project: McCoy Today
WRI.3.1.3.1.d	Makes decisions about writing based on feedback.	Project: Book Report -- Biography
WRI.3.1.3.1.e	Collects additional data and revises.	Project: Revising a Report
WRI.3.1.3.1.e	Collects additional data and revises.	Reading for Information
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Extra Practice: Comparing with Adjectives
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Extra Practice: Singular and Plural Nouns
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Comparing with Adjectives (1)
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Comparing with Adjectives (2)
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Singular and Plural Nouns (2)
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Suffixes -er, -est
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Project: Writing a Story
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Project: Writing a Story about Pets
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Spelling Lesson 3
WRI.3.1.4.1.b	Uses checklist for editing.	Extra Practice: Comparing with Adjectives
WRI.3.1.4.1.b	Uses checklist for editing.	Extra Practice: Singular and Plural Nouns
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Comparing with Adjectives (1)
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Comparing with Adjectives (2)
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Singular and Plural Nouns (2)
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Suffixes -er, -est
WRI.3.1.4.1.b	Uses checklist for editing.	Spelling Lesson 3
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Extra Practice: Comparing with Adjectives

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WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Extra Practice: Singular and Plural Nouns
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Comparing with Adjectives (1)
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Comparing with Adjectives (2)
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Singular and Plural Nouns (2)
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Suffixes -er, -est
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Using the Dictionary
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Using the Dictionary
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Project: Writing a Story about Pets
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Reading for Information
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Spelling Lesson 3
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Using Reference Books
WRI.3.1.5.1.b	Includes text features (e.g., title, headings, information about the author, illustrations, captions).	Project: Book Report -- Historical Fiction
WRI.3.1.6.1.a	Revises at any stage of process.	Project: Book Report -- Biography
WRI.3.1.6.1.a	Revises at any stage of process.	Project: Book Report -- Biography
WRI.3.1.6.1.a	Revises at any stage of process.	Project: McCoy Today
WRI.3.1.6.1.a	Revises at any stage of process.	Project: Revising a Report
WRI.3.1.6.1.b	Edits as needed at any stage.	Extra Practice: Comparing with Adjectives
WRI.3.1.6.1.b	Edits as needed at any stage.	Extra Practice: Singular and Plural Nouns
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Comparing with Adjectives (1)
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Comparing with Adjectives (2)
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Singular and Plural Nouns (2)
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Suffixes -er, -est
WRI.3.1.6.1.b	Edits as needed at any stage.	Project: Book Report -- Biography
WRI.3.1.6.1.b	Edits as needed at any stage.	Project: Writing a Story
WRI.3.1.6.1.b	Edits as needed at any stage.	Project: Writing a Story about Pets
WRI.3.1.6.1.b	Edits as needed at any stage.	Spelling Lesson 3
WRI.3.1.6.2.a	Contributes to different parts of the process when writing a class book (e.g., class develops ideas together, small group or partners collaborate to produce each page).	Project: Book Report -- Biography
WRI.3.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Grammar: Singular and Plural Nouns (1)
WRI.3.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Project: Book Report -- Biography
WRI.3.1.6.3.b	Allots amount of time for each stage of writing process for on-demand writing.	Project: Book Report -- Biography
WRI.3.2.1.1.a	Writes for community (business people) and distant peers (pen pals).	Project: Writing a Thank-you Letter

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WRI.3.2.1.1.a	Writes for community (business people) and distant peers (pen pals).	Thank-you Letters
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Essay: Writing a Friendly Letter
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Friendly Letters
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Project: Writing Letters
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Writing Letters
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Essay: Writing a Friendly Letter
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Friendly Letters
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Project: Book Report -- Nonfiction
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Project: Learning a New Language
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Project: Writing Letters
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Writing Letters
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Essay: Writing a Friendly Letter
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Friendly Letters
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Project: Book Report -- Nonfiction
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Project: Learning a New Language
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Project: Writing Letters
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Spelling Lesson 2
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Writing Letters
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Book Report -- Animal Stories
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Book Report -- Haiku Poetry
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Book Report -- Nonfiction
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Cinderella Comparison and Contrast
WRI.3.2.2.1.d	Writes stories (e.g., fictional narrative).	Project: McCoy Today
WRI.3.2.2.1.d	Writes stories (e.g., fictional narrative).	Project: Writing a Story
WRI.3.2.2.1.d	Writes stories (e.g., fictional narrative).	Short Story: Jeff Learns About Sharing
WRI.3.2.2.1.e	Writes to learn (e.g., science notebooks, class notes, summaries of nonfiction or literary passages).	Project: Learning a New Language
WRI.3.2.2.1.f	Writes to explain (e.g., tells which grade was a favorite and explains why, explains why a bar graph is a better choice than a pie chart to display data, explains why an apple is a better snack than a candy bar).	Project: Learning a New Language

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WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Essay: Writing a Friendly Letter
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Friendly Letters
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Project: Book Report -- Nonfiction
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Project: Writing Letters
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Project: Writing a Thank-you Letter
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Thank-you Letters
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Writing Letters
WRI.3.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Reading a Play
WRI.3.2.3.1.c	Uses a variety of new forms/genres.	Project: Writing a Thank-you Letter
WRI.3.2.3.1.c	Uses a variety of new forms/genres.	Reading a Play
WRI.3.2.3.1.c	Uses a variety of new forms/genres.	Thank-you Letters
WRI.3.2.3.1.d.1	comics	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.1	comics	Thank-you Letters
WRI.3.2.3.1.d.2	fairy tales	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.2	fairy tales	Thank-you Letters
WRI.3.2.3.1.d.3	reports	Project: Learning a New Language
WRI.3.2.3.1.d.3	reports	Project: Revising a Report
WRI.3.2.3.1.d.3	reports	Project: Writing a Story about Pets
WRI.3.2.3.1.d.3	reports	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.3	reports	Thank-you Letters
WRI.3.2.3.1.d.4	charts	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.4	charts	Thank-you Letters
WRI.3.2.3.1.d.5	procedures (e.g., science experiment)	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.5	procedures (e.g., science experiment)	Thank-you Letters
WRI.3.2.3.1.d.6	summaries (e.g., story, social studies passage)	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.6	summaries (e.g., story, social studies passage)	Thank-you Letters
WRI.3.2.3.1.d.7	directions (to a location)	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.7	directions (to a location)	Thank-you Letters
WRI.3.2.3.1.d.8	free verse	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.8	free verse	Thank-you Letters
WRI.3.2.4.1.b	Writes invitations (e.g., party, family night, open house).	Project: Writing a Thank-you Letter
WRI.3.2.4.1.b	Writes invitations (e.g., party, family night, open house).	Thank-you Letters
WRI.3.3.1.1.a	Selects from a wide range of topics (e.g., friendship, volcanoes).	Project: Informational Report
WRI.3.3.1.1.a	Selects from a wide range of topics (e.g., friendship, volcanoes).	Project: Writing Paragraphs
WRI.3.3.1.1.b	Maintains focus on specific topic.	Essay: Writing a Friendly Letter
WRI.3.3.1.1.b	Maintains focus on specific topic.	Friendly Letters
WRI.3.3.1.1.b	Maintains focus on specific topic.	Project: Writing Letters
WRI.3.3.1.1.b	Maintains focus on specific topic.	Spelling Lesson 1
WRI.3.3.1.1.b	Maintains focus on specific topic.	Spelling Lesson 2
WRI.3.3.1.1.b	Maintains focus on specific topic.	Writing Letters
WRI.3.3.1.1.c	Provides details and/or support (e.g., examples, descriptions, reasons).	Project: Writing a Story
WRI.3.3.1.1.c	Provides details and/or support (e.g., examples, descriptions, reasons).	Short Story: Jeff Learns About Sharing
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Essay: Writing a Friendly Letter
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Friendly Letters
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Project: Writing Letters

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WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Spelling Lesson 1
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Spelling Lesson 2
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Writing Letters
WRI.3.3.1.1.e	Develops characters, setting, and events in narratives.	Project: Writing a Thank-you Letter
WRI.3.3.1.1.e	Develops characters, setting, and events in narratives.	Thank-you Letters
WRI.3.3.1.2.b	Writes a variety of beginnings and endings (e.g., begins with an amazing fact or background information; ends with something new to think about or a cliffhanger).	Project: Learning a New Language
WRI.3.3.1.2.b	Writes a variety of beginnings and endings (e.g., begins with an amazing fact or background information; ends with something new to think about or a cliffhanger).	Project: Observation
WRI.3.3.1.2.b	Writes a variety of beginnings and endings (e.g., begins with an amazing fact or background information; ends with something new to think about or a cliffhanger).	Project: Writing a Story about Pets
WRI.3.3.1.2.f	Organizes expository writing logically (e.g., grouped by category; hypothesis and results; reasons and details/ examples).	Project: Learning a New Language
WRI.3.3.2.1.c	Demonstrates commitment to topic (e.g., sustains writing, elaborates, shows knowledge of topic).	Project: Informational Report
WRI.3.3.2.1.c	Demonstrates commitment to topic (e.g., sustains writing, elaborates, shows knowledge of topic).	Project: Writing Paragraphs
WRI.3.3.2.1.c	Demonstrates commitment to topic (e.g., sustains writing, elaborates, shows knowledge of topic).	Short Story: Jeff Learns About Sharing
WRI.3.3.2.2.a	Selects specific words (e.g., hollered vs. said) and specialized vocabulary (e.g., transparent vs. clear).	Project: Writing a Thank-you Letter
WRI.3.3.2.2.a	Selects specific words (e.g., hollered vs. said) and specialized vocabulary (e.g., transparent vs. clear).	Short Story: Jeff Learns About Sharing
WRI.3.3.2.2.a	Selects specific words (e.g., hollered vs. said) and specialized vocabulary (e.g., transparent vs. clear).	Thank-you Letters
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Essay: Writing a Friendly Letter
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Friendly Letters
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Project: Writing Letters
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Reading for Information
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Spelling Lesson 1
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Spelling Lesson 2
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Writing Letters
WRI.3.3.2.2.c	Uses literary devices (e.g., onomatopoeia, alliteration).	Essay: Writing a Friendly Letter

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WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 1
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 2
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 2
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 2
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 4
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Grammar: Alphabetical Order
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Project: Book Report -- Biography
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 4
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Grammar: Alphabetical Order
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Grammar: Review
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Grammar: Vowels
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Project: Book Report -- Biography
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 1
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 2
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 4

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WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 4
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Grammar: Word Parts (1)
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Grammar: Word Parts (2)
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Spelling Lesson 1
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Spelling Lesson 2
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Grammar: Alphabetical Order
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Project: Book Report -- Biography
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Spelling Lesson 1
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Spelling Lesson 2
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Grammar: Alphabetical Order
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Project: Book Report -- Biography
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Spelling Lesson 1
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Spelling Lesson 2
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Grammar: Alphabetical Order
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Project: Book Report -- Biography
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Spelling Lesson 1
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Spelling Lesson 2
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Grammar: Alphabetical Order
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Grammar: Using the Dictionary
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Grammar: Using the Dictionary
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Project: Book Report -- Biography
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Spelling Lesson 1
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Spelling Lesson 2
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Using Reference Books
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capital Letters (1)
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capital Letters (2)
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capitalizing Titles; Using Commas

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WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capitalizing Words
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Complete Sentences; Capitalization
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Sentence Sense; Capital Letters (1)
WRI.3.3.3.3.b	Capitalizes person's title (e.g., President Smith vs. the president).	Grammar: Capitalizing Words
WRI.3.3.3.3.b	Capitalizes person's title (e.g., President Smith vs. the president).	Grammar: Reviewing Capital Letters
WRI.3.3.3.4.b	Uses period after an abbreviation or initial (e.g., Dr. Georgia Scott, M.D.).	Grammar: Punctuation
WRI.3.3.3.4.b	Uses period after an abbreviation or initial (e.g., Dr. Georgia Scott, M.D.).	Grammar: Punctuation Marks
WRI.3.3.3.4.c	Uses comma between the day of the month and the year (e.g., March 2, 2000).	Grammar: Punctuation
WRI.3.3.3.4.c	Uses comma between the day of the month and the year (e.g., March 2, 2000).	Grammar: Punctuation Marks
WRI.3.3.3.4.d	Uses comma between city and state (e.g., Seattle, Washington).	Grammar: Punctuation
WRI.3.3.3.4.d	Uses comma between city and state (e.g., Seattle, Washington).	Grammar: Punctuation Marks
WRI.3.3.3.4.g	Uses commas in numbers greater than four digits (e.g., 10,000).	Grammar: Punctuation
WRI.3.3.3.4.g	Uses commas in numbers greater than four digits (e.g., 10,000).	Grammar: Punctuation Marks
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Spelling Lesson 3
WRI.3.3.3.5.b	Uses would have instead of would of.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.b	Uses would have instead of would of.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.b	Uses would have instead of would of.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.b	Uses would have instead of would of.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.b	Uses would have instead of would of.	Spelling Lesson 3
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Pronouns
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Suffixes -er, -est
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Spelling Lesson 3
WRI.3.3.3.5.d	Uses consistent verb tense.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Adjective Review
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Adjectives

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WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Verbs
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Verbs (2)
WRI.3.3.3.5.d	Uses consistent verb tense.	Spelling Lesson 3
WRI.3.3.3.5.e	Uses future tense correctly, especially in dialogue.	Grammar: Verbs (2)
WRI.3.3.3.5.f	Does not use double negatives.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Verbs
WRI.3.3.3.5.f	Does not use double negatives.	Spelling Lesson 3
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Grammar: Alphabetical Order
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Project: Book Report -- Biography
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Spelling Lesson 1
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Spelling Lesson 2
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Spelling Lesson 2
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Extra Practice: Comparing with Adjectives
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Suffixes -er, -est
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Using Sentences Correctly
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Verbs
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Spelling Lesson 3
WRI.3.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Project: Writing Paragraphs
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 1
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 1
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 2
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 2
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 3
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 3

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WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 3
WRI.3.4.1.2.c	Chooses written work for a portfolio (e.g., selects best piece from each grading period) and justifies the decision with criteria.	Grammar: Punctuation Marks
WRI.3.4.2.1.c	Evaluates own use of writing process and sets goals (e.g., "My prewrite helped me because _____").	Project: Book Report -- Biography
Grade:	Grade 4	
Grade:	Grade 5	
Subject:	Communication	
Grade:	Grade 3	
Section	Description	Lesson Title
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Fables; Cause and Effect
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading (1)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading (1)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading Fiction and Nonfiction
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading for Details
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading to Find the Main Idea
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading: Main Ideas; Cause and Effect
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: Button the Lamb
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: My Dog Zipper (1)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: My Dog Zipper (2)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: The Real McCoy
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Extra Practice: Comparing with Adjectives
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Extra Practice: Singular and Plural Nouns
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Comparing with Adjectives (1)
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Comparing with Adjectives (2)
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Singular and Plural Nouns (2)
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Suffixes -er, -est
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Spelling Lesson 3

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COM.3.1.2.1.d	Summarizes stories, information, and videos with teacher assistance (e.g., Science: summarizes an investigation by describing reasons, observations, data, and results).	Grammar: Capital Letters (1)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Extra Practice: Comparing with Adjectives
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Extra Practice: Singular and Plural Nouns
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Comparing with Adjectives (1)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Comparing with Adjectives (2)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Singular and Plural Nouns (2)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Suffixes -er, -est
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Spelling Lesson 3
COM.3.1.2.2.b	Compares examples of fact and opinion in different types of mass media (e.g., television, advertisements, video, signs, magazines).	Project: Advertisements and Forms
COM.3.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., no threats, bullying, derogatory or discriminatory language).	Project: Writing Letters
COM.3.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., no threats, bullying, derogatory or discriminatory language).	Writing Letters

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COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Extra Practice: Comparing with Adjectives
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Extra Practice: Singular and Plural Nouns
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Comparing with Adjectives (1)
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Comparing with Adjectives (2)
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Singular and Plural Nouns (2)
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Suffixes -er, -est
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Project: Writing Letters
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Spelling Lesson 3
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Writing Letters
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Extra Practice: Comparing with Adjectives
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Extra Practice: Singular and Plural Nouns
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Comparing with Adjectives (1)
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Comparing with Adjectives (2)
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Singular and Plural Nouns (2)
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Suffixes -er, -est
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Project: Writing Letters
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Spelling Lesson 3
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Writing Letters
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Extra Practice: Comparing with Adjectives
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Extra Practice: Singular and Plural Nouns
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Comparing with Adjectives (1)
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Comparing with Adjectives (2)

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COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Singular and Plural Nouns (2)
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Suffixes -er, -est
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Spelling Lesson 3
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Extra Practice: Comparing with Adjectives
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Extra Practice: Singular and Plural Nouns
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Capital Letters (1)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Comparing with Adjectives (1)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Comparing with Adjectives (2)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Singular and Plural Nouns (2)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Suffixes -er, -est
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Spelling Lesson 3
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Extra Practice: Comparing with Adjectives
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Extra Practice: Singular and Plural Nouns
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Comparing with Adjectives (1)
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Comparing with Adjectives (2)
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Singular and Plural Nouns (2)

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COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Suffixes -er, -est
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Spelling Lesson 3
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Extra Practice: Comparing with Adjectives
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Extra Practice: Singular and Plural Nouns
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Capital Letters (1)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Comparing with Adjectives (1)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Comparing with Adjectives (2)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Singular and Plural Nouns (2)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Suffixes -er, -est
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Spelling Lesson 3
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Extra Practice: Comparing with Adjectives
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Extra Practice: Singular and Plural Nouns
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Comparing with Adjectives (1)
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Comparing with Adjectives (2)
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Singular and Plural Nouns (2)
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Suffixes -er, -est
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Spelling Lesson 3
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Extra Practice: Comparing with Adjectives

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COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Extra Practice: Singular and Plural Nouns
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Comparing with Adjectives (1)
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Comparing with Adjectives (2)
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Singular and Plural Nouns (2)
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Suffixes -er, -est
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Spelling Lesson 3
COM.3.3.1.1.a	Describes how registers and purposes change for different audiences (e.g., one-to-one would require less formal communication; a presentation at a school assembly would require greater formality).	Project: Writing Letters
COM.3.3.1.1.a	Describes how registers and purposes change for different audiences (e.g., one-to-one would require less formal communication; a presentation at a school assembly would require greater formality).	Writing Letters
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Extra Practice: Comparing with Adjectives
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Extra Practice: Singular and Plural Nouns
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Comparing with Adjectives (1)
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Comparing with Adjectives (2)
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Singular and Plural Nouns (2)
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Suffixes -er, -est
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Project: Informational Report
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Spelling Lesson 3
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Extra Practice: Comparing with Adjectives

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COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Extra Practice: Singular and Plural Nouns
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Comparing with Adjectives (1)
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Comparing with Adjectives (2)
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Singular and Plural Nouns (2)
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Suffixes -er, -est
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Spelling Lesson 3
COM.3.3.1.1.d	Supports ideas with four or five details.	Extra Practice: Comparing with Adjectives
COM.3.3.1.1.d	Supports ideas with four or five details.	Extra Practice: Singular and Plural Nouns
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Comparing with Adjectives (1)
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Comparing with Adjectives (2)
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Singular and Plural Nouns (2)
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Suffixes -er, -est
COM.3.3.1.1.d	Supports ideas with four or five details.	Spelling Lesson 3
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Extra Practice: Comparing with Adjectives
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Extra Practice: Singular and Plural Nouns
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Comparing with Adjectives (1)
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Comparing with Adjectives (2)
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Singular and Plural Nouns (2)
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Suffixes -er, -est
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Spelling Lesson 3
COM.3.3.2.1.b	Uses presentation technology with teacher guidance (e.g., visual presenters, presentation software).	Grammar: Capital Letters (1)
COM.3.3.2.1.c	Uses reliable on-line sources with teacher guidance (e.g., Internet, encyclopedias).	Grammar: Capital Letters (1)
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Extra Practice: Comparing with Adjectives
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Extra Practice: Singular and Plural Nouns
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Comparing with Adjectives (1)

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COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Comparing with Adjectives (2)
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Singular and Plural Nouns (2)
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Suffixes -er, -est
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Spelling Lesson 3
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Extra Practice: Comparing with Adjectives
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Extra Practice: Singular and Plural Nouns
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Capital Letters (1)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Comparing with Adjectives (1)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Comparing with Adjectives (2)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Singular and Plural Nouns (2)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Suffixes -er, -est
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Project: Writing Letters
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Spelling Lesson 3
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Writing Letters
Grade:	Grade 4	
Grade:	Grade 5	
Subject:	Reading	
Grade:	Grade 3	
Section	Description	Lesson Title
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Reading to Classify
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 1
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 1
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 2

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READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 3
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 3
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Reading a Play
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 1
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 1
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 2
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 2
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 4
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Grammar: Using the Dictionary
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Grammar: Using the Dictionary
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Haiku Poetry; Homographs
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Project: Making Your Own Dictionary
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Reading to Classify
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Spelling Lesson 4
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Using Reference Books
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Alphabetical Order
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Reviewing Words and Word Parts
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Word Parts (1)
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Word Parts (2)
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Reading to Classify
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Spelling Lesson 4
READ.3.1.2.2.b	Describe how word meanings change as affixes are added to base words (e.g., rest/unrest/restful).	Grammar: Word Parts (1)
READ.3.1.2.2.b	Describe how word meanings change as affixes are added to base words (e.g., rest/unrest/restful).	Spelling Lesson 3

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READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Grammar: Capital Letters (1)
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Grammar: Capitalizing Words
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Reading to Classify
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Spelling Lesson 1
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Spelling Lesson 4
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Spelling Lesson 4
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Haiku Poetry; Homographs
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Reading (2)
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Reading to Classify
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Reading: Sequence and Context
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Extra Practice: Comparing with Adjectives
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Extra Practice: Singular and Plural Nouns
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Capitalizing Words
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Comparing with Adjectives (1)

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READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Comparing with Adjectives (2)
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Pronouns
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Punctuation
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Punctuation Marks
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Singular and Plural Nouns (2)
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Suffixes -er, -est
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Reading (2)
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Reading to Classify
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Spelling Lesson 3
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Haiku Poetry; Homographs
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Language Arts Symbols
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Project: Following Directions
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Reading (2)
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Reading for Sequence
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Reading to Classify
READ.3.1.3.2.c	Explain that some words have a different meaning in different content/academic texts (e.g., area in math and geography).	Reading (2)
READ.3.1.3.2.c	Explain that some words have a different meaning in different content/academic texts (e.g., area in math and geography).	Reading to Classify

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READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Essay: Writing a Friendly Letter
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Extra Practice: Comparing with Adjectives
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Extra Practice: Singular and Plural Nouns
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Friendly Letters
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Comparing with Adjectives (1)
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Comparing with Adjectives (2)
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Singular and Plural Nouns (2)
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Suffixes -er, -est
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Project: Writing Letters
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Short Story: Jeff Learns About Sharing
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson 1
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson 2
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson 3
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Writing Letters
READ.3.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 110-120+ words correct per minute.	Grammar: Alphabetical Order
READ.3.1.4.3.a	Adjust reading rate to match difficulty of texts (e.g., content/academic text) and for different purposes (e.g., pleasure reading vs. reading for information).	Grammar: Alphabetical Order
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Fables; Cause and Effect
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading (1)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading (1)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading Fiction and Nonfiction
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading: Main Ideas; Cause and Effect
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: Button the Lamb
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: Jeff Learns About Sharing
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: My Dog Zipper (1)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: My Dog Zipper (2)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: The Real McCoy
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Fables; Cause and Effect
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Language Arts Symbols
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Project: Following Directions
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading (1)

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READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading (1)
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading Fiction and Nonfiction
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading for Sequence
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading to Find the Main Idea
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading: Main Ideas; Cause and Effect
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: Button the Lamb
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: My Dog Zipper (1)
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: My Dog Zipper (2)
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: The Real McCoy
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Language Arts Symbols
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Project: Following Directions
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Reading (1)
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Reading for Sequence
READ.3.2.1.4.b	Call on prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Language Arts Symbols
READ.3.2.1.4.b	Call on prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Project: Following Directions
READ.3.2.1.4.b	Call on prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Reading for Sequence
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Language Arts Symbols
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Project: Book Report -- Historical Fiction

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READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Project: Following Directions
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Reading for Sequence
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Reading to Predict Outcome
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Language Arts Symbols
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Project: Following Directions
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Reading for Sequence
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Reading to Predict Outcome
READ.3.2.1.5.c	Select, from multiple choices, a prediction or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Reading to Predict Outcome
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Language Arts Symbols
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Project: Following Directions
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Reading for Sequence
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Reading to Predict Outcome
READ.3.2.1.5.e	Organize information that supports a prediction or inference in a teacher-selected graphic organizer to enhance comprehension.	Language Arts Symbols
READ.3.2.1.5.e	Organize information that supports a prediction or inference in a teacher-selected graphic organizer to enhance comprehension.	Project: Following Directions

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READ.3.2.1.5.e	Organize information that supports a prediction or inference in a teacher-selected graphic organizer to enhance comprehension.	Reading for Sequence
READ.3.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Language Arts Symbols
READ.3.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Project: Following Directions
READ.3.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Reading for Sequence
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Extra Practice: Comparing with Adjectives
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Extra Practice: Singular and Plural Nouns
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Capitalizing Words
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Comparing with Adjectives (1)
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Comparing with Adjectives (2)
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Pronouns
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Punctuation
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Punctuation Marks
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Singular and Plural Nouns (2)
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Suffixes -er, -est
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Spelling Lesson 3
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Grammar: Capital Letters (1)
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Language Arts Symbols
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Project: Following Directions
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Reading for Sequence
READ.3.2.1.7.e	Organize summary information in a teacher-selected graphic organizer to enhance comprehension.	Language Arts Symbols
READ.3.2.1.7.e	Organize summary information in a teacher-selected graphic organizer to enhance comprehension.	Project: Following Directions
READ.3.2.1.7.e	Organize summary information in a teacher-selected graphic organizer to enhance comprehension.	Reading for Sequence
READ.3.2.2.1.b	Explain steps in a process (e.g., problem solving in mathematics, life cycle of a butterfly).	Language Arts Symbols

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READ.3.2.2.1.b	Explain steps in a process (e.g., problem solving in mathematics, life cycle of a butterfly).	Project: Following Directions
READ.3.2.2.1.b	Explain steps in a process (e.g., problem solving in mathematics, life cycle of a butterfly).	Reading for Sequence
READ.3.2.2.1.c	Select, from multiple choices, the order of ideas, facts, events (e.g., what happened first, next, last; the order in which ideas or facts were introduced).	Reading for Sequence
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Language Arts Symbols
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Project: Book Report -- Historical Fiction
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Project: Following Directions
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Reading for Sequence
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Language Arts Symbols
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Project: Book Report -- Historical Fiction
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Project: Following Directions
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Reading for Sequence
READ.3.2.2.3.b	Describe the problem faced by a character and how he/she/it solves the problem.	Short Story: My Dog Zipper (1)
READ.3.2.2.3.b	Describe the problem faced by a character and how he/she/it solves the problem.	Short Story: My Dog Zipper (2)
READ.3.2.2.3.b	Describe the problem faced by a character and how he/she/it solves the problem.	Short Story: The Real McCoy
READ.3.2.2.3.c	Explain how the setting is important to the story.	Short Story: My Dog Zipper (1)
READ.3.2.2.3.c	Explain how the setting is important to the story.	Short Story: My Dog Zipper (2)
READ.3.2.2.3.c	Explain how the setting is important to the story.	Short Story: The Real McCoy
READ.3.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: My Dog Zipper (1)
READ.3.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: My Dog Zipper (2)
READ.3.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: The Real McCoy
READ.3.2.2.4.a	Recognize and use previously learned text organizational structures of simple listing and sequential order to aid comprehension.	Language Arts Symbols
READ.3.2.2.4.a	Recognize and use previously learned text organizational structures of simple listing and sequential order to aid comprehension.	Project: Following Directions
READ.3.2.2.4.a	Recognize and use previously learned text organizational structures of simple listing and sequential order to aid comprehension.	Reading for Sequence
READ.3.2.2.4.b	Identify and use text written in the text organizational structures of description and compare and contrast to find and organize information and comprehend text.	Language Arts Symbols

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READ.3.2.2.4.b	Identify and use text written in the text organizational structures of description and compare and contrast to find and organize information and comprehend text.	Project: Following Directions
READ.3.2.2.4.b	Identify and use text written in the text organizational structures of description and compare and contrast to find and organize information and comprehend text.	Reading for Sequence
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Language Arts Symbols
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Project: Cinderella Comparison and Contrast
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Project: Following Directions
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Reading for Sequence
READ.3.2.3.1.b	Select, from multiple choices, a sentence that describes how specific literary/narrative elements are alike or different in a poem or story (e.g., two characters and/or their feelings, a character and the author, two events, two settings).	Project: Cinderella Comparison and Contrast
READ.3.2.3.1.b	Select, from multiple choices, a sentence that describes how specific literary/narrative elements are alike or different in a poem or story (e.g., two characters and/or their feelings, a character and the author, two events, two settings).	Short Story: My Dog Zipper (1)
READ.3.2.3.1.b	Select, from multiple choices, a sentence that describes how specific literary/narrative elements are alike or different in a poem or story (e.g., two characters and/or their feelings, a character and the author, two events, two settings).	Short Story: My Dog Zipper (2)
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Fables; Cause and Effect
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Language Arts Symbols
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Project: Following Directions
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Reading for Sequence
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Reading: Main Ideas; Cause and Effect
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Fables; Cause and Effect
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Language Arts Symbols
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Project: Following Directions

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READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Reading for Sequence
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Reading: Main Ideas; Cause and Effect
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Grammar: Alphabetical Order
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Grammar: Using the Dictionary
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Project: Book Report -- Historical Fiction
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Project: Making Your Own Dictionary
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Using Reference Books
READ.3.2.4.1.a	Generate a personal or text-based response to text using a teacher-generated prompt (e.g., what would be the best/worst part of an event or situation).	Grammar: Capital Letters (1)
READ.3.2.4.1.b	Draw a conclusion from grade-level text (e.g., how the story or information might be useful, to whom the story or information might be useful) and support with evidence from the text.	Grammar: Alphabetical Order
READ.3.2.4.2.b	Identify simple elements of style (word choice, sentence structure and length, literary devices) (with teacher guidance).	Grammar: Capital Letters (1)
READ.3.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Language Arts Symbols
READ.3.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Project: Following Directions
READ.3.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Reading for Sequence
READ.3.2.4.5.a	Generalize about common characteristics of literary/narrative sub-genres.	Grammar: Alphabetical Order
READ.3.2.4.5.b	Generalize by comparing characters in similar stories from different cultures (e.g., Cinderella/The Rough-Faced Girl or Little Red Riding Hood/Lon Po Po).	Project: Cinderella Comparison and Contrast
READ.3.3.2.1.a	Use signs, labels, and instructions to answer questions or complete a task, using grade-level text.	Language Arts Symbols
READ.3.3.2.1.a	Use signs, labels, and instructions to answer questions or complete a task, using grade-level text.	Project: Following Directions
READ.3.3.2.1.a	Use signs, labels, and instructions to answer questions or complete a task, using grade-level text.	Reading for Sequence
READ.3.3.2.2.a	Explain the information in functional documents that are used in a school setting to communicate information (e.g., notes home to family members, rules, newsletters, schedules).	Language Arts Symbols
READ.3.3.2.2.a	Explain the information in functional documents that are used in a school setting to communicate information (e.g., notes home to family members, rules, newsletters, schedules).	Project: Following Directions

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READ.3.3.2.2.a	Explain the information in functional documents that are used in a school setting to communicate information (e.g., notes home to family members, rules, newsletters, schedules).	Reading for Sequence
READ.3.3.4.1.a	Listen to, read, and discuss a variety of literature representing different perspectives of family, friendship, culture, and tradition, generating a personal and/or text-based response.	Reading a Play
READ.3.3.4.2.a	Explain the characteristics of a variety of genres.	Grammar: Alphabetical Order
READ.3.3.4.2.a	Explain the characteristics of a variety of genres.	Reading Fiction and Nonfiction
READ.3.3.4.2.a	Explain the characteristics of a variety of genres.	Reading a Play
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Grammar: Alphabetical Order
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Book Report -- Animal Stories
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Book Report -- Haiku Poetry
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Book Report -- Nonfiction
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Cinderella Comparison and Contrast
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Reading a Play
READ.3.4.1.2.a	Set two reading goals and create a plan to meet those goals with teacher assistance.	Grammar: Capital Letters (1)
READ.3.4.2.1.b	Self-select books to read at an instructional level and an independent level.	Grammar: Alphabetical Order

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grade 3	
Section	Description	Lesson Title
WRI.3.1.1.1.b	Plans intentionally with some detail using visual tools (e.g., webs, diagrams, drawings, graphic organizers).	Project: Book Report -- Biography
WRI.3.1.1.1.c	Gathers information from more than one source and takes notes.	Project: Informational Report
WRI.3.1.1.1.c	Gathers information from more than one source and takes notes.	Reading for Information
WRI.3.1.2.1.b	Works on one draft on a single topic over several days.	Grammar: Singular and Plural Nouns (1)
WRI.3.1.3.1.a	Rereads own writing for meaning orally or silently.	Project: Book Report -- Biography
WRI.3.1.3.1.a	Rereads own writing for meaning orally or silently.	Project: McCoy Today
WRI.3.1.3.1.a	Rereads own writing for meaning orally or silently.	Spelling Lesson 3
WRI.3.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - checking for repetitious beginnings; second reading - looking for specific nouns).	Project: Book Report -- Biography
WRI.3.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - checking for repetitious beginnings; second reading - looking for specific nouns).	Project: McCoy Today
WRI.3.1.3.1.d	Makes decisions about writing based on feedback.	Project: Book Report -- Biography
WRI.3.1.3.1.e	Collects additional data and revises.	Project: Revising a Report
WRI.3.1.3.1.e	Collects additional data and revises.	Reading for Information
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Extra Practice: Comparing with Adjectives
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Extra Practice: Singular and Plural Nouns
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Comparing with Adjectives (1)
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Comparing with Adjectives (2)
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Singular and Plural Nouns (2)
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Grammar: Suffixes -er, -est
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Project: Writing a Story
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Project: Writing a Story about Pets
WRI.3.1.4.1.a	Identifies and corrects errors in grade level conventions.	Spelling Lesson 3
WRI.3.1.4.1.b	Uses checklist for editing.	Extra Practice: Comparing with Adjectives
WRI.3.1.4.1.b	Uses checklist for editing.	Extra Practice: Singular and Plural Nouns
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Comparing with Adjectives (1)
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Comparing with Adjectives (2)
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Singular and Plural Nouns (2)
WRI.3.1.4.1.b	Uses checklist for editing.	Grammar: Suffixes -er, -est
WRI.3.1.4.1.b	Uses checklist for editing.	Spelling Lesson 3
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Extra Practice: Comparing with Adjectives

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WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Extra Practice: Singular and Plural Nouns
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Comparing with Adjectives (1)
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Comparing with Adjectives (2)
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Singular and Plural Nouns (2)
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Suffixes -er, -est
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Using the Dictionary
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Grammar: Using the Dictionary
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Project: Writing a Story about Pets
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Reading for Information
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Spelling Lesson 3
WRI.3.1.4.1.c	Uses references when editing (e.g., word wall, dictionary, friend).	Using Reference Books
WRI.3.1.5.1.b	Includes text features (e.g., title, headings, information about the author, illustrations, captions).	Project: Book Report -- Historical Fiction
WRI.3.1.6.1.a	Revises at any stage of process.	Project: Book Report -- Biography
WRI.3.1.6.1.a	Revises at any stage of process.	Project: Book Report -- Biography
WRI.3.1.6.1.a	Revises at any stage of process.	Project: McCoy Today
WRI.3.1.6.1.a	Revises at any stage of process.	Project: Revising a Report
WRI.3.1.6.1.b	Edits as needed at any stage.	Extra Practice: Comparing with Adjectives
WRI.3.1.6.1.b	Edits as needed at any stage.	Extra Practice: Singular and Plural Nouns
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Comparing with Adjectives (1)
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Comparing with Adjectives (2)
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Singular and Plural Nouns (2)
WRI.3.1.6.1.b	Edits as needed at any stage.	Grammar: Suffixes -er, -est
WRI.3.1.6.1.b	Edits as needed at any stage.	Project: Book Report -- Biography
WRI.3.1.6.1.b	Edits as needed at any stage.	Project: Writing a Story
WRI.3.1.6.1.b	Edits as needed at any stage.	Project: Writing a Story about Pets
WRI.3.1.6.1.b	Edits as needed at any stage.	Spelling Lesson 3
WRI.3.1.6.2.a	Contributes to different parts of the process when writing a class book (e.g., class develops ideas together, small group or partners collaborate to produce each page).	Project: Book Report -- Biography
WRI.3.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Grammar: Singular and Plural Nouns (1)
WRI.3.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Project: Book Report -- Biography
WRI.3.1.6.3.b	Allots amount of time for each stage of writing process for on-demand writing.	Project: Book Report -- Biography
WRI.3.2.1.1.a	Writes for community (business people) and distant peers (pen pals).	Project: Writing a Thank-you Letter

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WRI.3.2.1.1.a	Writes for community (business people) and distant peers (pen pals).	Thank-you Letters
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Essay: Writing a Friendly Letter
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Friendly Letters
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Project: Writing Letters
WRI.3.2.1.1.b	Demonstrates knowledge of specific audiences (e.g., formal greeting and closing when writing to a firefighter).	Writing Letters
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Essay: Writing a Friendly Letter
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Friendly Letters
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Project: Book Report -- Nonfiction
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Project: Learning a New Language
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Project: Writing Letters
WRI.3.2.2.1.a	Identifies purpose of writing (e.g., to reflect, to request information).	Writing Letters
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Essay: Writing a Friendly Letter
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Friendly Letters
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Project: Book Report -- Nonfiction
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Project: Learning a New Language
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Project: Writing Letters
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Spelling Lesson 2
WRI.3.2.2.1.b	Writes for own purposes (e.g., communicates with friends, reminders to self).	Writing Letters
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Book Report -- Animal Stories
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Book Report -- Haiku Poetry
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Book Report -- Nonfiction
WRI.3.2.2.1.c	Writes to respond to literature in some detail (e.g., connections to self, text, and the world).	Project: Cinderella Comparison and Contrast
WRI.3.2.2.1.d	Writes stories (e.g., fictional narrative).	Project: McCoy Today
WRI.3.2.2.1.d	Writes stories (e.g., fictional narrative).	Project: Writing a Story
WRI.3.2.2.1.d	Writes stories (e.g., fictional narrative).	Short Story: Jeff Learns About Sharing
WRI.3.2.2.1.e	Writes to learn (e.g., science notebooks, class notes, summaries of nonfiction or literary passages).	Project: Learning a New Language
WRI.3.2.2.1.f	Writes to explain (e.g., tells which grade was a favorite and explains why, explains why a bar graph is a better choice than a pie chart to display data, explains why an apple is a better snack than a candy bar).	Project: Learning a New Language

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WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Essay: Writing a Friendly Letter
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Friendly Letters
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Project: Book Report -- Nonfiction
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Project: Writing Letters
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Project: Writing a Thank-you Letter
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Thank-you Letters
WRI.3.2.3.1.a	Selects form to match purpose (e.g., a report to explain).	Writing Letters
WRI.3.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Reading a Play
WRI.3.2.3.1.c	Uses a variety of new forms/genres.	Project: Writing a Thank-you Letter
WRI.3.2.3.1.c	Uses a variety of new forms/genres.	Reading a Play
WRI.3.2.3.1.c	Uses a variety of new forms/genres.	Thank-you Letters
WRI.3.2.3.1.d.1	comics	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.1	comics	Thank-you Letters
WRI.3.2.3.1.d.2	fairy tales	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.2	fairy tales	Thank-you Letters
WRI.3.2.3.1.d.3	reports	Project: Learning a New Language
WRI.3.2.3.1.d.3	reports	Project: Revising a Report
WRI.3.2.3.1.d.3	reports	Project: Writing a Story about Pets
WRI.3.2.3.1.d.3	reports	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.3	reports	Thank-you Letters
WRI.3.2.3.1.d.4	charts	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.4	charts	Thank-you Letters
WRI.3.2.3.1.d.5	procedures (e.g., science experiment)	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.5	procedures (e.g., science experiment)	Thank-you Letters
WRI.3.2.3.1.d.6	summaries (e.g., story, social studies passage)	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.6	summaries (e.g., story, social studies passage)	Thank-you Letters
WRI.3.2.3.1.d.7	directions (to a location)	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.7	directions (to a location)	Thank-you Letters
WRI.3.2.3.1.d.8	free verse	Project: Writing a Thank-you Letter
WRI.3.2.3.1.d.8	free verse	Thank-you Letters
WRI.3.2.4.1.b	Writes invitations (e.g., party, family night, open house).	Project: Writing a Thank-you Letter
WRI.3.2.4.1.b	Writes invitations (e.g., party, family night, open house).	Thank-you Letters
WRI.3.3.1.1.a	Selects from a wide range of topics (e.g., friendship, volcanoes).	Project: Informational Report
WRI.3.3.1.1.a	Selects from a wide range of topics (e.g., friendship, volcanoes).	Project: Writing Paragraphs
WRI.3.3.1.1.b	Maintains focus on specific topic.	Essay: Writing a Friendly Letter
WRI.3.3.1.1.b	Maintains focus on specific topic.	Friendly Letters
WRI.3.3.1.1.b	Maintains focus on specific topic.	Project: Writing Letters
WRI.3.3.1.1.b	Maintains focus on specific topic.	Spelling Lesson 1
WRI.3.3.1.1.b	Maintains focus on specific topic.	Spelling Lesson 2
WRI.3.3.1.1.b	Maintains focus on specific topic.	Writing Letters
WRI.3.3.1.1.c	Provides details and/or support (e.g., examples, descriptions, reasons).	Project: Writing a Story
WRI.3.3.1.1.c	Provides details and/or support (e.g., examples, descriptions, reasons).	Short Story: Jeff Learns About Sharing
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Essay: Writing a Friendly Letter
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Friendly Letters
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Project: Writing Letters

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WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Spelling Lesson 1
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Spelling Lesson 2
WRI.3.3.1.1.d	Uses personal experience and observation to support ideas.	Writing Letters
WRI.3.3.1.1.e	Develops characters, setting, and events in narratives.	Project: Writing a Thank-you Letter
WRI.3.3.1.1.e	Develops characters, setting, and events in narratives.	Thank-you Letters
WRI.3.3.1.2.b	Writes a variety of beginnings and endings (e.g., begins with an amazing fact or background information; ends with something new to think about or a cliffhanger).	Project: Learning a New Language
WRI.3.3.1.2.b	Writes a variety of beginnings and endings (e.g., begins with an amazing fact or background information; ends with something new to think about or a cliffhanger).	Project: Observation
WRI.3.3.1.2.b	Writes a variety of beginnings and endings (e.g., begins with an amazing fact or background information; ends with something new to think about or a cliffhanger).	Project: Writing a Story about Pets
WRI.3.3.1.2.f	Organizes expository writing logically (e.g., grouped by category; hypothesis and results; reasons and details/ examples).	Project: Learning a New Language
WRI.3.3.2.1.c	Demonstrates commitment to topic (e.g., sustains writing, elaborates, shows knowledge of topic).	Project: Informational Report
WRI.3.3.2.1.c	Demonstrates commitment to topic (e.g., sustains writing, elaborates, shows knowledge of topic).	Project: Writing Paragraphs
WRI.3.3.2.1.c	Demonstrates commitment to topic (e.g., sustains writing, elaborates, shows knowledge of topic).	Short Story: Jeff Learns About Sharing
WRI.3.3.2.2.a	Selects specific words (e.g., hollered vs. said) and specialized vocabulary (e.g., transparent vs. clear).	Project: Writing a Thank-you Letter
WRI.3.3.2.2.a	Selects specific words (e.g., hollered vs. said) and specialized vocabulary (e.g., transparent vs. clear).	Short Story: Jeff Learns About Sharing
WRI.3.3.2.2.a	Selects specific words (e.g., hollered vs. said) and specialized vocabulary (e.g., transparent vs. clear).	Thank-you Letters
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Essay: Writing a Friendly Letter
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Friendly Letters
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Project: Writing Letters
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Reading for Information
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Spelling Lesson 1
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Spelling Lesson 2
WRI.3.3.2.2.b	Selects interesting and effective words from various sources (e.g., multicultural literature, television, environmental print, cultural background).	Writing Letters
WRI.3.3.2.2.c	Uses literary devices (e.g., onomatopoeia, alliteration).	Essay: Writing a Friendly Letter

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WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 1
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 2
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 2
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 2
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 3
WRI.3.3.3.2.c	Uses phonetic spelling for challenging words.	Spelling Lesson 4
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Grammar: Alphabetical Order
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Project: Book Report -- Biography
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 1
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 2
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 3
WRI.3.3.3.2.d	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 4
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Grammar: Alphabetical Order
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Grammar: Review
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Grammar: Vowels
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Project: Book Report -- Biography
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 1
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 2
WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 4

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WRI.3.3.3.2.e.1	Unusual vowel patterns (e.g., aw, ou, oy)	Spelling Lesson 4
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Grammar: Word Parts (1)
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Grammar: Word Parts (2)
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Spelling Lesson 1
WRI.3.3.3.2.e.2	Affixes (e.g., un-, pre-, -ed)	Spelling Lesson 2
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Grammar: Alphabetical Order
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Project: Book Report -- Biography
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Spelling Lesson 1
WRI.3.3.3.2.e.3	Plurals rules (e.g., cat to cats, glass to glasses, carry to carries)	Spelling Lesson 2
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Grammar: Alphabetical Order
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Project: Book Report -- Biography
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Spelling Lesson 1
WRI.3.3.3.2.e.4	Double consonant rules (e.g., bunny, hopping, hotter, hottest)	Spelling Lesson 2
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Grammar: Alphabetical Order
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Project: Book Report -- Biography
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Spelling Lesson 1
WRI.3.3.3.2.f	Recognizes words that may be misspelled and makes corrections.	Spelling Lesson 2
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Grammar: Alphabetical Order
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Grammar: Using the Dictionary
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Grammar: Using the Dictionary
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Project: Book Report -- Biography
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Spelling Lesson 1
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Spelling Lesson 2
WRI.3.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., word walls, student dictionaries, peers).	Using Reference Books
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capital Letters (1)
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capital Letters (2)
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capitalizing Titles; Using Commas

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WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Capitalizing Words
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Complete Sentences; Capitalization
WRI.3.3.3.3.a	Uses capitalization rules from previous grades.	Grammar: Sentence Sense; Capital Letters (1)
WRI.3.3.3.3.b	Capitalizes person's title (e.g., President Smith vs. the president).	Grammar: Capitalizing Words
WRI.3.3.3.3.b	Capitalizes person's title (e.g., President Smith vs. the president).	Grammar: Reviewing Capital Letters
WRI.3.3.3.4.b	Uses period after an abbreviation or initial (e.g., Dr. Georgia Scott, M.D.).	Grammar: Punctuation
WRI.3.3.3.4.b	Uses period after an abbreviation or initial (e.g., Dr. Georgia Scott, M.D.).	Grammar: Punctuation Marks
WRI.3.3.3.4.c	Uses comma between the day of the month and the year (e.g., March 2, 2000).	Grammar: Punctuation
WRI.3.3.3.4.c	Uses comma between the day of the month and the year (e.g., March 2, 2000).	Grammar: Punctuation Marks
WRI.3.3.3.4.d	Uses comma between city and state (e.g., Seattle, Washington).	Grammar: Punctuation
WRI.3.3.3.4.d	Uses comma between city and state (e.g., Seattle, Washington).	Grammar: Punctuation Marks
WRI.3.3.3.4.g	Uses commas in numbers greater than four digits (e.g., 10,000).	Grammar: Punctuation
WRI.3.3.3.4.g	Uses commas in numbers greater than four digits (e.g., 10,000).	Grammar: Punctuation Marks
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.a	Applies usage rules from previous grades.	Spelling Lesson 3
WRI.3.3.3.5.b	Uses would have instead of would of.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.b	Uses would have instead of would of.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.b	Uses would have instead of would of.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.b	Uses would have instead of would of.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.b	Uses would have instead of would of.	Spelling Lesson 3
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Pronouns
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Grammar: Suffixes -er, -est
WRI.3.3.3.5.c	Uses correct pronoun as subject (e.g., I vs. me).	Spelling Lesson 3
WRI.3.3.3.5.d	Uses consistent verb tense.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Adjective Review
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Adjectives

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WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Verbs
WRI.3.3.3.5.d	Uses consistent verb tense.	Grammar: Verbs (2)
WRI.3.3.3.5.d	Uses consistent verb tense.	Spelling Lesson 3
WRI.3.3.3.5.e	Uses future tense correctly, especially in dialogue.	Grammar: Verbs (2)
WRI.3.3.3.5.f	Does not use double negatives.	Extra Practice: Comparing with Adjectives
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Suffixes -er, -est
WRI.3.3.3.5.f	Does not use double negatives.	Grammar: Verbs
WRI.3.3.3.5.f	Does not use double negatives.	Spelling Lesson 3
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Grammar: Alphabetical Order
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Project: Book Report -- Biography
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Spelling Lesson 1
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Spelling Lesson 2
WRI.3.3.3.5.g	Uses appropriate homonym (e.g., it's vs. its, your vs. you're, their vs. there vs. they're, to vs. two vs. too).	Spelling Lesson 2
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Extra Practice: Comparing with Adjectives
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Comparing with Adjectives (1)
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Comparing with Adjectives (2)
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Suffixes -er, -est
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Using Sentences Correctly
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Grammar: Verbs
WRI.3.3.3.6.b	Does not use sentence fragments (e.g., Going into town.).	Spelling Lesson 3
WRI.3.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Project: Writing Paragraphs
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 1
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 1
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 2
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 2
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 3
WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 3

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WRI.3.4.1.2.a	Identifies specific strength in writing (e.g., sentence beginnings, spelling).	Spelling Lesson 3
WRI.3.4.1.2.c	Chooses written work for a portfolio (e.g., selects best piece from each grading period) and justifies the decision with criteria.	Grammar: Punctuation Marks
WRI.3.4.2.1.c	Evaluates own use of writing process and sets goals (e.g., "My prewrite helped me because _____").	Project: Book Report -- Biography
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Grade:	Grade 5	
Subject:	Communication	
Grade:	Grade 3	
Section	Description	Lesson Title
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Fables; Cause and Effect
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading (1)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading (1)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading Fiction and Nonfiction
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading for Details
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading to Find the Main Idea
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Reading: Main Ideas; Cause and Effect
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: Button the Lamb
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: My Dog Zipper (1)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: My Dog Zipper (2)
COM.3.1.1.2.b	Identifies main idea and gives two supporting details.	Short Story: The Real McCoy
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Extra Practice: Comparing with Adjectives
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Extra Practice: Singular and Plural Nouns
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Comparing with Adjectives (1)
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Comparing with Adjectives (2)
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Singular and Plural Nouns (2)
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Grammar: Suffixes -er, -est
COM.3.1.1.2.f	Describes visual information (e.g., Dance: describes context using analogy and metaphor, such as "the dancers were like birds floating," or demonstrates with movement).	Spelling Lesson 3

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COM.3.1.2.1.d	Summarizes stories, information, and videos with teacher assistance (e.g., Science: summarizes an investigation by describing reasons, observations, data, and results).	Grammar: Capital Letters (1)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Extra Practice: Comparing with Adjectives
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Extra Practice: Singular and Plural Nouns
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Comparing with Adjectives (1)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Comparing with Adjectives (2)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Singular and Plural Nouns (2)
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Grammar: Suffixes -er, -est
COM.3.1.2.2.a	Explains the difference between fact and opinion and supports response with evidence or examples (e.g., "The ad shows that the tennis shoes have a new kind of sole, which is a fact, but that they make you a fast runner is an opinion because running takes strong muscles and not everyone can be a fast runner.").	Spelling Lesson 3
COM.3.1.2.2.b	Compares examples of fact and opinion in different types of mass media (e.g., television, advertisements, video, signs, magazines).	Project: Advertisements and Forms
COM.3.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., no threats, bullying, derogatory or discriminatory language).	Project: Writing Letters
COM.3.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., no threats, bullying, derogatory or discriminatory language).	Writing Letters

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COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Extra Practice: Comparing with Adjectives
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Extra Practice: Singular and Plural Nouns
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Comparing with Adjectives (1)
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Comparing with Adjectives (2)
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Singular and Plural Nouns (2)
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Grammar: Suffixes -er, -est
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Project: Writing Letters
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Spelling Lesson 3
COM.3.2.1.1.b	Adjusts language register to the situation (e.g., talking on the playground, versus answering the classroom telephone).	Writing Letters
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Extra Practice: Comparing with Adjectives
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Extra Practice: Singular and Plural Nouns
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Comparing with Adjectives (1)
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Comparing with Adjectives (2)
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Singular and Plural Nouns (2)
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Grammar: Suffixes -er, -est
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Project: Writing Letters
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Spelling Lesson 3
COM.3.2.1.1.c	Chooses formal register to make introductions and take messages.	Writing Letters
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Extra Practice: Comparing with Adjectives
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Extra Practice: Singular and Plural Nouns
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Comparing with Adjectives (1)
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Comparing with Adjectives (2)

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COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Singular and Plural Nouns (2)
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Grammar: Suffixes -er, -est
COM.3.2.2.2.a	Sustains conversation by extending other's contributions (e.g., entering in and elaborating on an idea).	Spelling Lesson 3
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Extra Practice: Comparing with Adjectives
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Extra Practice: Singular and Plural Nouns
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Capital Letters (1)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Comparing with Adjectives (1)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Comparing with Adjectives (2)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Singular and Plural Nouns (2)
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Grammar: Suffixes -er, -est
COM.3.2.2.2.b	Reaches a group decision through compromise with teacher guidance (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Spelling Lesson 3
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Extra Practice: Comparing with Adjectives
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Extra Practice: Singular and Plural Nouns
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Comparing with Adjectives (1)
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Comparing with Adjectives (2)
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Singular and Plural Nouns (2)

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COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Grammar: Suffixes -er, -est
COM.3.2.2.2.d	Initiates the development of a group solution (e.g., "If that isn't fair, what should we do?" "We are running out of time, how can we finish quickly?").	Spelling Lesson 3
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Extra Practice: Comparing with Adjectives
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Extra Practice: Singular and Plural Nouns
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Capital Letters (1)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Comparing with Adjectives (1)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Comparing with Adjectives (2)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Singular and Plural Nouns (2)
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Grammar: Suffixes -er, -est
COM.3.2.3.1.b	Shares one's own opinion and compares it to others' with teacher guidance (e.g., "I like this story because it is exciting, but Yuki thinks it is too scary.").	Spelling Lesson 3
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Extra Practice: Comparing with Adjectives
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Extra Practice: Singular and Plural Nouns
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Comparing with Adjectives (1)
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Comparing with Adjectives (2)
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Singular and Plural Nouns (2)
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Grammar: Suffixes -er, -est
COM.3.2.3.1.c	Explains how people have different ways to communicate, using examples (e.g., different languages, sign language, communication board).	Spelling Lesson 3
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Extra Practice: Comparing with Adjectives

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COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Extra Practice: Singular and Plural Nouns
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Comparing with Adjectives (1)
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Comparing with Adjectives (2)
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Singular and Plural Nouns (2)
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Grammar: Suffixes -er, -est
COM.3.2.3.2.b	Asks for clarification of another's verbal and nonverbal cues (e.g., "Why are you laughing?" "What does that gesture mean?")	Spelling Lesson 3
COM.3.3.1.1.a	Describes how registers and purposes change for different audiences (e.g., one-to-one would require less formal communication; a presentation at a school assembly would require greater formality).	Project: Writing Letters
COM.3.3.1.1.a	Describes how registers and purposes change for different audiences (e.g., one-to-one would require less formal communication; a presentation at a school assembly would require greater formality).	Writing Letters
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Extra Practice: Comparing with Adjectives
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Extra Practice: Singular and Plural Nouns
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Comparing with Adjectives (1)
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Comparing with Adjectives (2)
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Singular and Plural Nouns (2)
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Grammar: Suffixes -er, -est
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Project: Informational Report
COM.3.3.1.1.b	Selects a topic for a specific purpose (e.g., to describe and/or to explain a process or procedure, such as in a science experiment).	Spelling Lesson 3
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Extra Practice: Comparing with Adjectives

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COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Extra Practice: Singular and Plural Nouns
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Comparing with Adjectives (1)
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Comparing with Adjectives (2)
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Singular and Plural Nouns (2)
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Grammar: Suffixes -er, -est
COM.3.3.1.1.c	Selects material from a variety of resources with teacher guidance (e.g., from books, experts, charts, posters, family, and community members).	Spelling Lesson 3
COM.3.3.1.1.d	Supports ideas with four or five details.	Extra Practice: Comparing with Adjectives
COM.3.3.1.1.d	Supports ideas with four or five details.	Extra Practice: Singular and Plural Nouns
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Comparing with Adjectives (1)
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Comparing with Adjectives (2)
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Singular and Plural Nouns (2)
COM.3.3.1.1.d	Supports ideas with four or five details.	Grammar: Suffixes -er, -est
COM.3.3.1.1.d	Supports ideas with four or five details.	Spelling Lesson 3
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Extra Practice: Comparing with Adjectives
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Extra Practice: Singular and Plural Nouns
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Comparing with Adjectives (1)
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Comparing with Adjectives (2)
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Singular and Plural Nouns (2)
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Grammar: Suffixes -er, -est
COM.3.3.2.1.a	Uses visual aids independently. (e.g., illustrations, photos, bar graphs, tables, charts and maps).	Spelling Lesson 3
COM.3.3.2.1.b	Uses presentation technology with teacher guidance (e.g., visual presenters, presentation software).	Grammar: Capital Letters (1)
COM.3.3.2.1.c	Uses reliable on-line sources with teacher guidance (e.g., Internet, encyclopedias).	Grammar: Capital Letters (1)
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Extra Practice: Comparing with Adjectives
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Extra Practice: Singular and Plural Nouns
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Comparing with Adjectives (1)

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COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Comparing with Adjectives (2)
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Singular and Plural Nouns (2)
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Grammar: Suffixes -er, -est
COM.3.3.3.1.b	Uses adult grammar and syntax appropriate to grade level.	Spelling Lesson 3
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Extra Practice: Comparing with Adjectives
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Extra Practice: Singular and Plural Nouns
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Capital Letters (1)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Comparing with Adjectives (1)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Comparing with Adjectives (2)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Singular and Plural Nouns (2)
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Grammar: Suffixes -er, -est
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Project: Writing Letters
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Spelling Lesson 3
COM.3.3.3.1.c	Uses appropriate language registers with teacher guidance (e.g., formal versus informal: peer-to-peer, small group versus large group).	Writing Letters
Grade:	Grade 4	
Grade:	Grade 5	
Subject:	Reading	
Grade:	Grade 3	
Section	Description	Lesson Title
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Reading to Classify
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 1
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 1
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 2

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READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 3
READ.3.1.1.4.a	Read words containing complex letter patterns and/or word families (e.g., -ieve or -eive, -ield) in isolation and in context.	Spelling Lesson 3
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Reading a Play
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 1
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 1
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 2
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 2
READ.3.1.1.4.b	Apply multi-syllabic decoding when reading words in all text.	Spelling Lesson 4
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Grammar: Using the Dictionary
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Grammar: Using the Dictionary
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Haiku Poetry; Homographs
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Project: Making Your Own Dictionary
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Reading to Classify
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Spelling Lesson 4
READ.3.1.2.1.a	Use glossaries and dictionaries to find and confirm word meanings.	Using Reference Books
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Alphabetical Order
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Reviewing Words and Word Parts
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Word Parts (1)
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Grammar: Word Parts (2)
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Reading to Classify
READ.3.1.2.2.a	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Spelling Lesson 4
READ.3.1.2.2.b	Describe how word meanings change as affixes are added to base words (e.g., rest/unrest/restful).	Grammar: Word Parts (1)
READ.3.1.2.2.b	Describe how word meanings change as affixes are added to base words (e.g., rest/unrest/restful).	Spelling Lesson 3

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READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Grammar: Capital Letters (1)
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Grammar: Capitalizing Words
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Reading to Classify
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Spelling Lesson 1
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Spelling Lesson 4
READ.3.1.2.2.c	Re-read to clarify, read on, ask for help, adjust reading rate, and use knowledge of print conventions to determine meaning of unknown words in informational/expository text and literary/narrative text.	Spelling Lesson 4
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Haiku Poetry; Homographs
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Reading (2)
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Reading to Classify
READ.3.1.2.2.d	Use prior knowledge, context, pictures, illustrations, and diagrams to predict, clarify, and/or expand word meaning, including multiple meaning words.	Reading: Sequence and Context
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Extra Practice: Comparing with Adjectives
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Extra Practice: Singular and Plural Nouns
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Capitalizing Words
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Comparing with Adjectives (1)

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READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Comparing with Adjectives (2)
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Pronouns
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Punctuation
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Punctuation Marks
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Singular and Plural Nouns (2)
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Grammar: Suffixes -er, -est
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Reading (2)
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Reading to Classify
READ.3.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in own oral and written communication.	Spelling Lesson 3
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Haiku Poetry; Homographs
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Language Arts Symbols
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Project: Following Directions
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Reading (2)
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Reading for Sequence
READ.3.1.3.2.b	Select, from multiple choices, the meaning of words necessary to understand content/academic text.	Reading to Classify
READ.3.1.3.2.c	Explain that some words have a different meaning in different content/academic texts (e.g., area in math and geography).	Reading (2)
READ.3.1.3.2.c	Explain that some words have a different meaning in different content/academic texts (e.g., area in math and geography).	Reading to Classify

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READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Essay: Writing a Friendly Letter
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Extra Practice: Comparing with Adjectives
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Extra Practice: Singular and Plural Nouns
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Friendly Letters
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Comparing with Adjectives (1)
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Comparing with Adjectives (2)
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Singular and Plural Nouns (2)
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Grammar: Suffixes -er, -est
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Project: Writing Letters
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Short Story: Jeff Learns About Sharing
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson 1
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson 2
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson 3
READ.3.1.3.2.d	Use new vocabulary in oral and written communication.	Writing Letters
READ.3.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 110-120+ words correct per minute.	Grammar: Alphabetical Order
READ.3.1.4.3.a	Adjust reading rate to match difficulty of texts (e.g., content/academic text) and for different purposes (e.g., pleasure reading vs. reading for information).	Grammar: Alphabetical Order
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Fables; Cause and Effect
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading (1)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading (1)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading Fiction and Nonfiction
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Reading: Main Ideas; Cause and Effect
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: Button the Lamb
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: Jeff Learns About Sharing
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: My Dog Zipper (1)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: My Dog Zipper (2)
READ.3.2.1.3.b	State the main idea of a literary/narrative text passage and support with two details from the story.	Short Story: The Real McCoy
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Fables; Cause and Effect
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Language Arts Symbols
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Project: Following Directions
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading (1)

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READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading (1)
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading Fiction and Nonfiction
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading for Sequence
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading to Find the Main Idea
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Reading: Main Ideas; Cause and Effect
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: Button the Lamb
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: My Dog Zipper (1)
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: My Dog Zipper (2)
READ.3.2.1.3.c	Select, from multiple choices, the main idea of a passage, poem, or selection.	Short Story: The Real McCoy
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Language Arts Symbols
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Project: Following Directions
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Reading (1)
READ.3.2.1.3.f	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Reading for Sequence
READ.3.2.1.4.b	Call on prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Language Arts Symbols
READ.3.2.1.4.b	Call on prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Project: Following Directions
READ.3.2.1.4.b	Call on prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Reading for Sequence
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Language Arts Symbols
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Project: Book Report -- Historical Fiction

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READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Project: Following Directions
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Reading for Sequence
READ.3.2.1.5.a	Predict or infer about text content using prior knowledge, text, and text features in both literary/narrative and informational/expository text. Support with evidence from text (e.g., how a character will act, why a character acts a certain way, why an author includes certain information, and what might happen next).	Reading to Predict Outcome
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Language Arts Symbols
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Project: Following Directions
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Reading for Sequence
READ.3.2.1.5.b	Use text to make, confirm, or revise inferences and predictions in both literary/narrative and informational/expository text.	Reading to Predict Outcome
READ.3.2.1.5.c	Select, from multiple choices, a prediction or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Reading to Predict Outcome
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Language Arts Symbols
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Project: Following Directions
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Reading for Sequence
READ.3.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Reading to Predict Outcome
READ.3.2.1.5.e	Organize information that supports a prediction or inference in a teacher-selected graphic organizer to enhance comprehension.	Language Arts Symbols
READ.3.2.1.5.e	Organize information that supports a prediction or inference in a teacher-selected graphic organizer to enhance comprehension.	Project: Following Directions

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READ.3.2.1.5.e	Organize information that supports a prediction or inference in a teacher-selected graphic organizer to enhance comprehension.	Reading for Sequence
READ.3.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Language Arts Symbols
READ.3.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Project: Following Directions
READ.3.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Reading for Sequence
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Extra Practice: Comparing with Adjectives
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Extra Practice: Singular and Plural Nouns
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Capitalizing Words
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Comparing with Adjectives (1)
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Comparing with Adjectives (2)
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Pronouns
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Punctuation
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Punctuation Marks
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Singular and Plural Nouns (2)
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Grammar: Suffixes -er, -est
READ.3.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Spelling Lesson 3
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Grammar: Capital Letters (1)
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Language Arts Symbols
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Project: Following Directions
READ.3.2.1.6.d	Organize images and information into a graphic organizer with teacher guidance, to enhance comprehension of text (e.g., add information to a partially completed organizer).	Reading for Sequence
READ.3.2.1.7.e	Organize summary information in a teacher-selected graphic organizer to enhance comprehension.	Language Arts Symbols
READ.3.2.1.7.e	Organize summary information in a teacher-selected graphic organizer to enhance comprehension.	Project: Following Directions
READ.3.2.1.7.e	Organize summary information in a teacher-selected graphic organizer to enhance comprehension.	Reading for Sequence
READ.3.2.2.1.b	Explain steps in a process (e.g., problem solving in mathematics, life cycle of a butterfly).	Language Arts Symbols

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READ.3.2.2.1.b	Explain steps in a process (e.g., problem solving in mathematics, life cycle of a butterfly).	Project: Following Directions
READ.3.2.2.1.b	Explain steps in a process (e.g., problem solving in mathematics, life cycle of a butterfly).	Reading for Sequence
READ.3.2.2.1.c	Select, from multiple choices, the order of ideas, facts, events (e.g., what happened first, next, last; the order in which ideas or facts were introduced).	Reading for Sequence
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Language Arts Symbols
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Project: Book Report -- Historical Fiction
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Project: Following Directions
READ.3.2.2.2.a	Identify and use grade-level appropriate text features.	Reading for Sequence
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Language Arts Symbols
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Project: Book Report -- Historical Fiction
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Project: Following Directions
READ.3.2.2.2.b	Explain how certain text features help you understand the selection.	Reading for Sequence
READ.3.2.2.3.b	Describe the problem faced by a character and how he/she/it solves the problem.	Short Story: My Dog Zipper (1)
READ.3.2.2.3.b	Describe the problem faced by a character and how he/she/it solves the problem.	Short Story: My Dog Zipper (2)
READ.3.2.2.3.b	Describe the problem faced by a character and how he/she/it solves the problem.	Short Story: The Real McCoy
READ.3.2.2.3.c	Explain how the setting is important to the story.	Short Story: My Dog Zipper (1)
READ.3.2.2.3.c	Explain how the setting is important to the story.	Short Story: My Dog Zipper (2)
READ.3.2.2.3.c	Explain how the setting is important to the story.	Short Story: The Real McCoy
READ.3.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: My Dog Zipper (1)
READ.3.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: My Dog Zipper (2)
READ.3.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: The Real McCoy
READ.3.2.2.4.a	Recognize and use previously learned text organizational structures of simple listing and sequential order to aid comprehension.	Language Arts Symbols
READ.3.2.2.4.a	Recognize and use previously learned text organizational structures of simple listing and sequential order to aid comprehension.	Project: Following Directions
READ.3.2.2.4.a	Recognize and use previously learned text organizational structures of simple listing and sequential order to aid comprehension.	Reading for Sequence
READ.3.2.2.4.b	Identify and use text written in the text organizational structures of description and compare and contrast to find and organize information and comprehend text.	Language Arts Symbols

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READ.3.2.2.4.b	Identify and use text written in the text organizational structures of description and compare and contrast to find and organize information and comprehend text.	Project: Following Directions
READ.3.2.2.4.b	Identify and use text written in the text organizational structures of description and compare and contrast to find and organize information and comprehend text.	Reading for Sequence
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Language Arts Symbols
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Project: Cinderella Comparison and Contrast
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Project: Following Directions
READ.3.2.3.1.a	Compare and contrast information (e.g., facts and details, literary/narrative elements, different versions of the same story, time period, cultures) within text and between texts.	Reading for Sequence
READ.3.2.3.1.b	Select, from multiple choices, a sentence that describes how specific literary/narrative elements are alike or different in a poem or story (e.g., two characters and/or their feelings, a character and the author, two events, two settings).	Project: Cinderella Comparison and Contrast
READ.3.2.3.1.b	Select, from multiple choices, a sentence that describes how specific literary/narrative elements are alike or different in a poem or story (e.g., two characters and/or their feelings, a character and the author, two events, two settings).	Short Story: My Dog Zipper (1)
READ.3.2.3.1.b	Select, from multiple choices, a sentence that describes how specific literary/narrative elements are alike or different in a poem or story (e.g., two characters and/or their feelings, a character and the author, two events, two settings).	Short Story: My Dog Zipper (2)
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Fables; Cause and Effect
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Language Arts Symbols
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Project: Following Directions
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Reading for Sequence
READ.3.2.3.1.d	Recognize and explain cause and effect relationships in literary/narrative text and informational/expository text, using evidence from the text.	Reading: Main Ideas; Cause and Effect
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Fables; Cause and Effect
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Language Arts Symbols
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Project: Following Directions

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READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Reading for Sequence
READ.3.2.3.1.e	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Reading: Main Ideas; Cause and Effect
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Grammar: Alphabetical Order
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Grammar: Using the Dictionary
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Project: Book Report -- Historical Fiction
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Project: Making Your Own Dictionary
READ.3.2.3.2.a	Use alphabetical, numerical, and key word/topic systems to locate information on a specific topic or for a specific purpose in an encyclopedia or dictionary.	Using Reference Books
READ.3.2.4.1.a	Generate a personal or text-based response to text using a teacher-generated prompt (e.g., what would be the best/worst part of an event or situation).	Grammar: Capital Letters (1)
READ.3.2.4.1.b	Draw a conclusion from grade-level text (e.g., how the story or information might be useful, to whom the story or information might be useful) and support with evidence from the text.	Grammar: Alphabetical Order
READ.3.2.4.2.b	Identify simple elements of style (word choice, sentence structure and length, literary devices) (with teacher guidance).	Grammar: Capital Letters (1)
READ.3.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Language Arts Symbols
READ.3.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Project: Following Directions
READ.3.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Reading for Sequence
READ.3.2.4.5.a	Generalize about common characteristics of literary/narrative sub-genres.	Grammar: Alphabetical Order
READ.3.2.4.5.b	Generalize by comparing characters in similar stories from different cultures (e.g., Cinderella/The Rough-Faced Girl or Little Red Riding Hood/Lon Po Po).	Project: Cinderella Comparison and Contrast
READ.3.3.2.1.a	Use signs, labels, and instructions to answer questions or complete a task, using grade-level text.	Language Arts Symbols
READ.3.3.2.1.a	Use signs, labels, and instructions to answer questions or complete a task, using grade-level text.	Project: Following Directions
READ.3.3.2.1.a	Use signs, labels, and instructions to answer questions or complete a task, using grade-level text.	Reading for Sequence
READ.3.3.2.2.a	Explain the information in functional documents that are used in a school setting to communicate information (e.g., notes home to family members, rules, newsletters, schedules).	Language Arts Symbols
READ.3.3.2.2.a	Explain the information in functional documents that are used in a school setting to communicate information (e.g., notes home to family members, rules, newsletters, schedules).	Project: Following Directions

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READ.3.3.2.2.a	Explain the information in functional documents that are used in a school setting to communicate information (e.g., notes home to family members, rules, newsletters, schedules).	Reading for Sequence
READ.3.3.4.1.a	Listen to, read, and discuss a variety of literature representing different perspectives of family, friendship, culture, and tradition, generating a personal and/or text-based response.	Reading a Play
READ.3.3.4.2.a	Explain the characteristics of a variety of genres.	Grammar: Alphabetical Order
READ.3.3.4.2.a	Explain the characteristics of a variety of genres.	Reading Fiction and Nonfiction
READ.3.3.4.2.a	Explain the characteristics of a variety of genres.	Reading a Play
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Grammar: Alphabetical Order
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Book Report -- Animal Stories
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Book Report -- Haiku Poetry
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Book Report -- Nonfiction
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Project: Cinderella Comparison and Contrast
READ.3.3.4.2.b	Respond to literature from multiple genres using teacher prompts appropriate to the text and content.	Reading a Play
READ.3.4.1.2.a	Set two reading goals and create a plan to meet those goals with teacher assistance.	Grammar: Capital Letters (1)
READ.3.4.2.1.b	Self-select books to read at an instructional level and an independent level.	Grammar: Alphabetical Order

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grade 3	
Grade:	Grade 4	
Section	Description	Lesson Title
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Essay: Writing a Story
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Exploring Nouns (1)
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Planning a Report
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Project: Book Report
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Project: Report Project -- Part 2
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Spelling Lesson One
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Study Skills and Note Taking
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Taking Notes and Making an Outline
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Writing Study Notes

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WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Writing a Report
WRI.4.1.1.1.a	Explains the difference between generating and organizing ideas and adjusts prewriting strategies accordingly (e.g., brainstorms list for generating ideas and narrowing topic, uses a graphic organizer for organizing ideas, story boards).	Writing a Report
WRI.4.1.1.1.b	Records information or ideas at prewriting and/or drafting stages (e.g., notes, lists, free writing, webs, or graphic organizers).	Essay: Writing a Story
WRI.4.1.1.1.b	Records information or ideas at prewriting and/or drafting stages (e.g., notes, lists, free writing, webs, or graphic organizers).	Exploring Nouns (1)
WRI.4.1.1.1.b	Records information or ideas at prewriting and/or drafting stages (e.g., notes, lists, free writing, webs, or graphic organizers).	Planning a Report
WRI.4.1.1.1.b	Records information or ideas at prewriting and/or drafting stages (e.g., notes, lists, free writing, webs, or graphic organizers).	Project: Book Report
WRI.4.1.1.1.b	Records information or ideas at prewriting and/or drafting stages (e.g., notes, lists, free writing, webs, or graphic organizers).	Project: Report Project -- Part 1
WRI.4.1.1.1.b	Records information or ideas at prewriting and/or drafting stages (e.g., notes, lists, free writing, webs, or graphic organizers).	Project: Report Project -- Part 3
WRI.4.1.1.1.b	Records information or ideas at prewriting and/or drafting stages (e.g., notes, lists, free writing, webs, or graphic organizers).	Spelling Lesson One
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Book Reports
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Finding Information
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report -- Biography
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report -- Fiction
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report -- Folk Tales
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report -- Haiku Poetry

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WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report -- Historical Fiction
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report -- Nonfiction
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Book Report -- Poetry
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Report Project -- Part 1
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Project: Report Project -- Part 3
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Report: Native American Culture
WRI.4.1.1.1.c	Gathers information from more than one resource and synthesizes ideas to plan writing (e.g., uses information from the Internet and from books for a report).	Report: Writing a Report
WRI.4.1.2.1.a	Uses a prewriting plan to draft text.	Essay: Writing a Story
WRI.4.1.2.1.a	Uses a prewriting plan to draft text.	Exploring Nouns (1)
WRI.4.1.2.1.a	Uses a prewriting plan to draft text.	Planning a Report
WRI.4.1.2.1.a	Uses a prewriting plan to draft text.	Project: Book Report
WRI.4.1.2.1.a	Uses a prewriting plan to draft text.	Spelling Lesson One
WRI.4.1.2.1.b	Works on more than one draft on a single topic over several days.	Exploring Nouns (1)
WRI.4.1.2.1.b	Works on more than one draft on a single topic over several days.	Spelling Lesson One
WRI.4.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding specific details for support; second reading - substituting words for clarity; third reading - moving text by combining sentences for variety).	Exploring Nouns (1)
WRI.4.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding specific details for support; second reading - substituting words for clarity; third reading - moving text by combining sentences for variety).	Project: Report Project -- Part 3
WRI.4.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding specific details for support; second reading - substituting words for clarity; third reading - moving text by combining sentences for variety).	Spelling Lesson One
WRI.4.1.3.1.c	Makes decisions about writing based on feedback.	Exploring Nouns (1)
WRI.4.1.3.1.c	Makes decisions about writing based on feedback.	Project: Report Project -- Part 3
WRI.4.1.3.1.c	Makes decisions about writing based on feedback.	Spelling Lesson One
WRI.4.1.3.1.d	Revises content based on new information.	Exploring Nouns (1)
WRI.4.1.3.1.d	Revises content based on new information.	Project: Report Project -- Part 3
WRI.4.1.3.1.d	Revises content based on new information.	Spelling Lesson One
WRI.4.1.3.1.e	Uses different methods to delete or move text (e.g., cross out and rewrite or "cut and paste").	Essay: Writing a Story

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WRI.4.1.3.1.f	Uses more than one resource to revise (e.g., word wall or bank, writing guide, peer, adult, thesaurus).	Exploring Nouns (1)
WRI.4.1.3.1.f	Uses more than one resource to revise (e.g., word wall or bank, writing guide, peer, adult, thesaurus).	Project: Report Project -- Part 3
WRI.4.1.3.1.f	Uses more than one resource to revise (e.g., word wall or bank, writing guide, peer, adult, thesaurus).	Spelling Lesson One
WRI.4.1.4.1.a	Identifies and corrects errors in grade level conventions.	Exploring Nouns (1)
WRI.4.1.4.1.a	Identifies and corrects errors in grade level conventions.	Spelling Lesson One
WRI.4.1.4.1.b	Uses more than one resource (e.g., dictionary, writing guide, spell check, peer, adult).	Using a Dictionary
WRI.4.1.4.1.c	Proofreads final draft for errors.	Essay: Writing a Story
WRI.4.1.4.1.c	Proofreads final draft for errors.	Exploring Nouns (1)
WRI.4.1.4.1.c	Proofreads final draft for errors.	Spelling Lesson One
WRI.4.1.5.1.a	Publishes pieces and explains choice of format, graphics, and illustrations.	Exploring Nouns (1)
WRI.4.1.5.1.a	Publishes pieces and explains choice of format, graphics, and illustrations.	Spelling Lesson One
WRI.4.1.5.1.b	Publishes for a wide range of purposes (e.g., to inform, to tell a story) in different forms and formats (e.g., letter, poem).	Exploring Nouns (1)
WRI.4.1.5.1.b	Publishes for a wide range of purposes (e.g., to inform, to tell a story) in different forms and formats (e.g., letter, poem).	Spelling Lesson One
WRI.4.1.5.1.c	Uses a variety of available technology as part of publication (e.g., software program, overhead projector, video).	Exploring Nouns (1)
WRI.4.1.5.1.c	Uses a variety of available technology as part of publication (e.g., software program, overhead projector, video).	Spelling Lesson One
WRI.4.1.6.1.a	Revises at any stage of process.	Essay: Report
WRI.4.1.6.1.a	Revises at any stage of process.	Project: Report Project -- Part 3
WRI.4.1.6.1.b	Edits as needed at any stage.	Essay: Report
WRI.4.1.6.1.b	Edits as needed at any stage.	Exploring Nouns (1)
WRI.4.1.6.1.b	Edits as needed at any stage.	Spelling Lesson One
WRI.4.1.6.2.a	Contributes to different parts of writing process when working on a class newspaper (e.g., group plans together; partners prewrite and compose article on classroom computer; individuals illustrate and format; group revises, edits, and publishes).	Essay: Report
WRI.4.1.6.2.a	Contributes to different parts of writing process when working on a class newspaper (e.g., group plans together; partners prewrite and compose article on classroom computer; individuals illustrate and format; group revises, edits, and publishes).	Essay: Writing a Story
WRI.4.1.6.2.a	Contributes to different parts of writing process when working on a class newspaper (e.g., group plans together; partners prewrite and compose article on classroom computer; individuals illustrate and format; group revises, edits, and publishes).	Exploring Nouns (1)
WRI.4.1.6.2.a	Contributes to different parts of writing process when working on a class newspaper (e.g., group plans together; partners prewrite and compose article on classroom computer; individuals illustrate and format; group revises, edits, and publishes).	Planning a Report

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WRI.4.1.6.2.a	Contributes to different parts of writing process when working on a class newspaper (e.g., group plans together; partners prewrite and compose article on classroom computer; individuals illustrate and format; group revises, edits, and publishes).	Project: Book Report
WRI.4.1.6.2.a	Contributes to different parts of writing process when working on a class newspaper (e.g., group plans together; partners prewrite and compose article on classroom computer; individuals illustrate and format; group revises, edits, and publishes).	Project: Report Project -- Part 3
WRI.4.1.6.2.a	Contributes to different parts of writing process when working on a class newspaper (e.g., group plans together; partners prewrite and compose article on classroom computer; individuals illustrate and format; group revises, edits, and publishes).	Spelling Lesson One
WRI.4.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Exploring Nouns (1)
WRI.4.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Spelling Lesson One
WRI.4.1.6.3.b	Allots amount of time for each stage of writing process for on-demand writing.	Essay: Report
WRI.4.1.6.3.b	Allots amount of time for each stage of writing process for on-demand writing.	Exploring Nouns (1)
WRI.4.1.6.3.b	Allots amount of time for each stage of writing process for on-demand writing.	Spelling Lesson One
WRI.4.2.1.1.a	Identifies an intended audience.	Essay: Writing a Story
WRI.4.2.1.1.a	Identifies an intended audience.	Planning a Report
WRI.4.2.1.1.b	Writes to a diverse community audience (e.g., an informative newspaper article, a thank you letter after a field trip).	Planning a Report
WRI.4.2.1.1.b	Writes to a diverse community audience (e.g., an informative newspaper article, a thank you letter after a field trip).	Project: Report Project -- Part 1
WRI.4.2.1.1.b	Writes to a diverse community audience (e.g., an informative newspaper article, a thank you letter after a field trip).	Project: Report Project -- Part 3
WRI.4.2.1.1.c	Identifies and includes information a diverse audience needs to know (e.g., background information on the topic, definitions for specialized and/or culturally relevant vocabulary).	Essay: Writing a Story
WRI.4.2.1.1.c	Identifies and includes information a diverse audience needs to know (e.g., background information on the topic, definitions for specialized and/or culturally relevant vocabulary).	Exploring Nouns (1)
WRI.4.2.1.1.c	Identifies and includes information a diverse audience needs to know (e.g., background information on the topic, definitions for specialized and/or culturally relevant vocabulary).	Planning a Report
WRI.4.2.1.1.c	Identifies and includes information a diverse audience needs to know (e.g., background information on the topic, definitions for specialized and/or culturally relevant vocabulary).	Spelling Lesson One

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WRI.4.2.2.1.a	Writes for different purposes (e.g., to learn, to tell a story, to explain, to reflect, to respond to a question, to summarize, to analyze informational text and data).	Essay: Writing a Story
WRI.4.2.2.1.a	Writes for different purposes (e.g., to learn, to tell a story, to explain, to reflect, to respond to a question, to summarize, to analyze informational text and data).	Planning a Report
WRI.4.2.2.1.a	Writes for different purposes (e.g., to learn, to tell a story, to explain, to reflect, to respond to a question, to summarize, to analyze informational text and data).	Project: Report Project -- Part 1
WRI.4.2.2.1.a	Writes for different purposes (e.g., to learn, to tell a story, to explain, to reflect, to respond to a question, to summarize, to analyze informational text and data).	Project: Report Project -- Part 3
WRI.4.2.2.1.a	Writes for different purposes (e.g., to learn, to tell a story, to explain, to reflect, to respond to a question, to summarize, to analyze informational text and data).	Writing Stories
WRI.4.2.2.1.b	Incorporates more than one purpose using a form (e.g., a letter can be used to explain, to request, or to persuade).	Essay: Writing a Story
WRI.4.2.2.1.b	Incorporates more than one purpose using a form (e.g., a letter can be used to explain, to request, or to persuade).	Exploring Nouns (1)
WRI.4.2.2.1.b	Incorporates more than one purpose using a form (e.g., a letter can be used to explain, to request, or to persuade).	Planning a Report
WRI.4.2.2.1.b	Incorporates more than one purpose using a form (e.g., a letter can be used to explain, to request, or to persuade).	Spelling Lesson One
WRI.4.2.2.1.b	Incorporates more than one purpose using a form (e.g., a letter can be used to explain, to request, or to persuade).	Writing Stories
WRI.4.2.2.1.c	Includes more than one mode within a piece (e.g., descriptive or narrative anecdotes within an explanation to elaborate).	Essay: Descriptive Paragraph
WRI.4.2.2.1.c	Includes more than one mode within a piece (e.g., descriptive or narrative anecdotes within an explanation to elaborate).	Essay: Envyng Others
WRI.4.2.2.1.c	Includes more than one mode within a piece (e.g., descriptive or narrative anecdotes within an explanation to elaborate).	Essay: Narrative Writing - Autobiography
WRI.4.2.2.1.c	Includes more than one mode within a piece (e.g., descriptive or narrative anecdotes within an explanation to elaborate).	Essay: Writing a Narrative or a Description
WRI.4.2.2.1.c	Includes more than one mode within a piece (e.g., descriptive or narrative anecdotes within an explanation to elaborate).	Exploring Nouns (1)
WRI.4.2.2.1.c	Includes more than one mode within a piece (e.g., descriptive or narrative anecdotes within an explanation to elaborate).	Paragraph Writing
WRI.4.2.2.1.c	Includes more than one mode within a piece (e.g., descriptive or narrative anecdotes within an explanation to elaborate).	Spelling Lesson One
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Exploring Nouns (1)
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Project: Book Report
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Project: Book Report -- Biography
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Project: Book Report -- Folk Tales

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WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Project: Book Report -- Haiku Poetry
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Project: Book Report -- Historical Fiction
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Project: Book Report -- Nonfiction
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Project: Book Report -- Poetry
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Report: Writing a Report
WRI.4.2.3.1.a	Selects form/genre to meet requirements of task or content area (e.g., book report or science report).	Spelling Lesson One
WRI.4.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Following Directions in Parables and Fables
WRI.4.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Haiku Poems
WRI.4.2.3.1.d.1	fictional stories (e.g., fantasy, realistic)	Essay: Writing a Fable
WRI.4.2.3.1.d.1	fictional stories (e.g., fantasy, realistic)	Exploring Nouns (1)
WRI.4.2.3.1.d.1	fictional stories (e.g., fantasy, realistic)	Project: Tall Tale
WRI.4.2.3.1.d.1	fictional stories (e.g., fantasy, realistic)	Spelling Lesson One
WRI.4.2.3.1.d.2	procedures (e.g., process for problem solving in math)	Essay: Writing a Summary
WRI.4.2.3.1.d.5	scientific explanations	Essay: Writing a Summary
WRI.4.2.3.1.d.7	song lyrics for an established melody	Exploring Nouns (1)
WRI.4.2.3.1.d.7	song lyrics for an established melody	Spelling Lesson One
WRI.4.2.4.1.a	Collaborates with a partner on a writing project (e.g., newspaper article).	Essay: Report
WRI.4.2.4.1.a	Collaborates with a partner on a writing project (e.g., newspaper article).	Exploring Nouns (1)
WRI.4.2.4.1.a	Collaborates with a partner on a writing project (e.g., newspaper article).	Spelling Lesson One
WRI.4.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., letters, directions to house, charts or tables within a report).	Exploring Nouns (1)
WRI.4.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., letters, directions to house, charts or tables within a report).	Spelling Lesson One
WRI.4.3.1.1.a	Narrows topic (e.g., from general topic, such as "pets," to specific topic, such as "My dog is smart.").	Exploring Nouns (1)
WRI.4.3.1.1.a	Narrows topic (e.g., from general topic, such as "pets," to specific topic, such as "My dog is smart.").	Planning a Report
WRI.4.3.1.1.a	Narrows topic (e.g., from general topic, such as "pets," to specific topic, such as "My dog is smart.").	Spelling Lesson One
WRI.4.3.1.1.a	Narrows topic (e.g., from general topic, such as "pets," to specific topic, such as "My dog is smart.").	Study Skills
WRI.4.3.1.1.a	Narrows topic (e.g., from general topic, such as "pets," to specific topic, such as "My dog is smart.").	Writing Stories
WRI.4.3.1.1.b	Selects details relevant to the topic to elaborate (e.g., adds detail to each main point using more than one sentence; uses specific words and phrases, reasons, anecdotes, facts, descriptions, and examples).	Essay: Writing Paragraphs
WRI.4.3.1.1.b	Selects details relevant to the topic to elaborate (e.g., adds detail to each main point using more than one sentence; uses specific words and phrases, reasons, anecdotes, facts, descriptions, and examples).	Essay: Writing a Story

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WRI.4.3.1.1.b	Selects details relevant to the topic to elaborate (e.g., adds detail to each main point using more than one sentence; uses specific words and phrases, reasons, anecdotes, facts, descriptions, and examples).	Paragraphs
WRI.4.3.1.1.b	Selects details relevant to the topic to elaborate (e.g., adds detail to each main point using more than one sentence; uses specific words and phrases, reasons, anecdotes, facts, descriptions, and examples).	Planning a Report
WRI.4.3.1.1.b	Selects details relevant to the topic to elaborate (e.g., adds detail to each main point using more than one sentence; uses specific words and phrases, reasons, anecdotes, facts, descriptions, and examples).	Project: Report Project -- Part 1
WRI.4.3.1.1.b	Selects details relevant to the topic to elaborate (e.g., adds detail to each main point using more than one sentence; uses specific words and phrases, reasons, anecdotes, facts, descriptions, and examples).	Study Skills
WRI.4.3.1.1.b	Selects details relevant to the topic to elaborate (e.g., adds detail to each main point using more than one sentence; uses specific words and phrases, reasons, anecdotes, facts, descriptions, and examples).	Writing Stories
WRI.4.3.1.1.c	Uses personal experiences, observations, and/or research to support opinions and ideas (e.g., collects, organizes, and uses data to support conclusions in math, science, or social studies).	Essay: Writing a Summary
WRI.4.3.1.1.d	Develops character, setting, and events within plot when writing a narrative.	Essay: Envyng Others
WRI.4.3.1.1.d	Develops character, setting, and events within plot when writing a narrative.	Essay: Narrative Writing - Autobiography
WRI.4.3.1.1.d	Develops character, setting, and events within plot when writing a narrative.	Essay: Writing a Narrative or a Description
WRI.4.3.1.1.d	Develops character, setting, and events within plot when writing a narrative.	Essay: Writing a Story
WRI.4.3.1.1.d	Develops character, setting, and events within plot when writing a narrative.	Paragraph Writing
WRI.4.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Essay: Writing Paragraphs
WRI.4.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Essay: Writing a Story
WRI.4.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Paragraph Writing
WRI.4.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Paragraphs
WRI.4.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Report: Native American Culture
WRI.4.3.1.2.e	Describes procedures sequentially (e.g., steps in problem solving in mathematics).	Exploring Nouns (1)
WRI.4.3.1.2.e	Describes procedures sequentially (e.g., steps in problem solving in mathematics).	Spelling Lesson One
WRI.4.3.1.2.f	Organizes explanations (e.g., describes fitness activity and then explains why it is a favorite) and comparisons logically (e.g., writes a point-by-point comparison, such as about housing, agriculture, or clothing of the cultures of coastal and plateau Native Americans).	Exploring Nouns (1)

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	Organizes explanations (e.g., describes fitness activity and then explains why it is a favorite) and comparisons logically (e.g., writes a point-by-point comparison, such as about housing, agriculture, or clothing of the cultures of coastal and plateau Native Americans).	Spelling Lesson One
WRI.4.3.1.2.f	Organizes explanations (e.g., describes fitness activity and then explains why it is a favorite) and comparisons logically (e.g., writes a point-by-point comparison, such as about housing, agriculture, or clothing of the cultures of coastal and plateau Native Americans).	Spelling Lesson One
WRI.4.3.1.2.g	Structures poetry (e.g., syllabic patterns, rhyme scheme).	Haiku Poetry Composition
WRI.4.3.1.2.g	Structures poetry (e.g., syllabic patterns, rhyme scheme).	More About Poetry
WRI.4.3.1.2.g	Structures poetry (e.g., syllabic patterns, rhyme scheme).	Project: Four Line Poem
WRI.4.3.1.2.g	Structures poetry (e.g., syllabic patterns, rhyme scheme).	Writing Poetry
WRI.4.3.2.1.a	Adjusts voice for different audiences (e.g., letter to principal vs. letter to best friend).	Essay: Writing a Letter
WRI.4.3.2.1.a	Adjusts voice for different audiences (e.g., letter to principal vs. letter to best friend).	Essay: Writing a Story
WRI.4.3.2.1.a	Adjusts voice for different audiences (e.g., letter to principal vs. letter to best friend).	Planning a Report
WRI.4.3.2.1.b	Adjusts voice for different purposes (e.g., a scientific explanation vs. a narrative).	Essay: Writing a Story
WRI.4.3.2.1.b	Adjusts voice for different purposes (e.g., a scientific explanation vs. a narrative).	Writing Stories
WRI.4.3.2.1.c	Writes in own voice in personal narrative (e.g., "spinach makes me gag").	Essay: Envyng Others
WRI.4.3.2.1.c	Writes in own voice in personal narrative (e.g., "spinach makes me gag").	Essay: Narrative Writing - Autobiography
WRI.4.3.2.1.c	Writes in own voice in personal narrative (e.g., "spinach makes me gag").	Essay: Writing a Narrative or a Description
WRI.4.3.2.1.c	Writes in own voice in personal narrative (e.g., "spinach makes me gag").	Paragraph Writing
WRI.4.3.2.2.a	Uses precise words (e.g., vivid verbs - screeched, hovered, absorbed; specific nouns - granite, longhouse, cedar).	Adjectives That Compare
WRI.4.3.2.2.a	Uses precise words (e.g., vivid verbs - screeched, hovered, absorbed; specific nouns - granite, longhouse, cedar).	Exploring Nouns (1)
WRI.4.3.2.2.a	Uses precise words (e.g., vivid verbs - screeched, hovered, absorbed; specific nouns - granite, longhouse, cedar).	Verbs of Action or Being
WRI.4.3.2.2.a	Uses precise words (e.g., vivid verbs - screeched, hovered, absorbed; specific nouns - granite, longhouse, cedar).	Working With Nouns, Adjectives, and Adverbs
WRI.4.3.2.2.b	Uses specialized vocabulary in informational writing (e.g., tessellate, parallelogram, butte, carbohydrate).	Exploring Nouns (1)
WRI.4.3.2.2.b	Uses specialized vocabulary in informational writing (e.g., tessellate, parallelogram, butte, carbohydrate).	Project: Report Project -- Part 1
WRI.4.3.2.2.b	Uses specialized vocabulary in informational writing (e.g., tessellate, parallelogram, butte, carbohydrate).	Project: Report Project -- Part 3
WRI.4.3.2.2.b	Uses specialized vocabulary in informational writing (e.g., tessellate, parallelogram, butte, carbohydrate).	Spelling Lesson One
WRI.4.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, alliteration).	Exploring Nouns (1)
WRI.4.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, alliteration).	Haiku Poetry Composition
WRI.4.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, alliteration).	Poetic Expressions
WRI.4.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, alliteration).	Poetry Review
WRI.4.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, alliteration).	Spelling Lesson One

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WRI.4.3.2.3.a	Writes a variety of sentence beginnings (e.g., starts with an introductory adverb clause: "If you want to see an ant up close, you should use a magnifying glass.").	Adverbs
WRI.4.3.2.3.a	Writes a variety of sentence beginnings (e.g., starts with an introductory adverb clause: "If you want to see an ant up close, you should use a magnifying glass.").	Exploring Nouns (1)
WRI.4.3.2.3.a	Writes a variety of sentence beginnings (e.g., starts with an introductory adverb clause: "If you want to see an ant up close, you should use a magnifying glass.").	Spelling Lesson One
WRI.4.3.2.3.c	Writes a variety of sentence structures (e.g., "My dog enjoys music and howls when we listen to certain songs. It makes me laugh. After his song is over, I give him a treat.").	Exploring Nouns (1)
WRI.4.3.2.3.c	Writes a variety of sentence structures (e.g., "My dog enjoys music and howls when we listen to certain songs. It makes me laugh. After his song is over, I give him a treat.").	Spelling Lesson One
WRI.4.3.2.3.d	Writes song lyrics with a specific rhythm.	Exploring Nouns (1)
WRI.4.3.2.3.d	Writes song lyrics with a specific rhythm.	Poetry Review
WRI.4.3.2.3.d	Writes song lyrics with a specific rhythm.	Spelling Lesson One
WRI.4.3.3.1.a	Maintains consistency in printing or cursive handwriting (e.g., size, spacing, formation, uppercase and lowercase).	Exploring Nouns (1)
WRI.4.3.3.1.a	Maintains consistency in printing or cursive handwriting (e.g., size, spacing, formation, uppercase and lowercase).	Spelling Lesson One
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Exploring Nouns (1)
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson 4
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Four
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Four
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson One
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson One
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson One
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Three
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Three
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Two
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Two
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Two
WRI.4.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Two
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Exploring Nouns (1)
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson 1
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson 1
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson 2
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson 2
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson 3
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson 3
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson 4

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WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Four
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Four
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson One
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson One
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson One
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Three
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Three
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Three
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Two
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Two
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Two
WRI.4.3.3.2.b	Spells high-frequency words correctly (e.g., people, water).	Spelling Lesson Two
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson 4
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson Four
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson Four
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson One
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson One
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson Three
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson Three
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson Two
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson Two
WRI.4.3.3.2.c	Recognizes and uses grade level appropriate spelling patterns.	Spelling Lesson Two
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Exploring Nouns (1)
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Root Words, Prefixes and Suffixes (1)
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Root Words, Prefixes and Suffixes (2)
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Spelling Lesson 1
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Spelling Lesson 2
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Spelling Lesson 3
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Spelling Lesson 3
WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Spelling Lesson One

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WRI.4.3.3.2.d.1	Affixes (e.g., -en, -in, -on, -an at end of words)	Spelling Lesson Two
WRI.4.3.3.2.d.2	Rules such as -ge after long vowel, -dge after short vowel (e.g., rage and edge)	Exploring Nouns (1)
WRI.4.3.3.2.d.2	Rules such as -ge after long vowel, -dge after short vowel (e.g., rage and edge)	Sound Study
WRI.4.3.3.2.d.2	Rules such as -ge after long vowel, -dge after short vowel (e.g., rage and edge)	Spelling Lesson One
WRI.4.3.3.2.d.2	Rules such as -ge after long vowel, -dge after short vowel (e.g., rage and edge)	Spelling Lesson Two
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson 1
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson 1
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson 2
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson 2
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson 3
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson 3
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson 4
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Four
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson One
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Three
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Three
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.4.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.4.3.3.2.f	Develops a personal spelling list.	Spelling Lesson One
WRI.4.3.3.2.f	Develops a personal spelling list.	Spelling Lesson Two
WRI.4.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., electronic spellers, dictionaries, personal dictionaries).	Spelling Lesson Two
WRI.4.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled (e.g., electronic spellers, dictionaries, personal dictionaries).	Using a Dictionary
WRI.4.3.3.3.a	Uses capitalization rules from previous grades.	Capital Letters
WRI.4.3.3.3.a	Uses capitalization rules from previous grades.	Exploring Nouns (1)
WRI.4.3.3.3.a	Uses capitalization rules from previous grades.	Punctuating Correctly
WRI.4.3.3.3.a	Uses capitalization rules from previous grades.	Spelling Lesson One
WRI.4.3.3.3.b	Capitalizes important words in a title of a book or article (e.g., Martin's Big Words: The Life of Dr. Martin Luther King, Jr.).	Adjectives
WRI.4.3.3.3.b	Capitalizes important words in a title of a book or article (e.g., Martin's Big Words: The Life of Dr. Martin Luther King, Jr.).	Book Reports
WRI.4.3.3.3.b	Capitalizes important words in a title of a book or article (e.g., Martin's Big Words: The Life of Dr. Martin Luther King, Jr.).	Capital Letters
WRI.4.3.3.3.b	Capitalizes important words in a title of a book or article (e.g., Martin's Big Words: The Life of Dr. Martin Luther King, Jr.).	Exploring Nouns (1)
WRI.4.3.3.3.b	Capitalizes important words in a title of a book or article (e.g., Martin's Big Words: The Life of Dr. Martin Luther King, Jr.).	Spelling Lesson One
WRI.4.3.3.3.c	Capitalizes abbreviations correctly (e.g., Calif. or CA, Mr., Dr.).	Capital Letters
WRI.4.3.3.3.c	Capitalizes abbreviations correctly (e.g., Calif. or CA, Mr., Dr.).	Exploring Nouns (1)

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WRI.4.3.3.3.c	Capitalizes abbreviations correctly (e.g., Calif. or CA, Mr., Dr.).	Possessive Words
WRI.4.3.3.3.c	Capitalizes abbreviations correctly (e.g., Calif. or CA, Mr., Dr.).	Punctuating Correctly
WRI.4.3.3.3.c	Capitalizes abbreviations correctly (e.g., Calif. or CA, Mr., Dr.).	Spelling Lesson 1
WRI.4.3.3.3.c	Capitalizes abbreviations correctly (e.g., Calif. or CA, Mr., Dr.).	Spelling Lesson 3
WRI.4.3.3.3.c	Capitalizes abbreviations correctly (e.g., Calif. or CA, Mr., Dr.).	Spelling Lesson One
WRI.4.3.3.3.d	Uses resources to correct capitalization.	Capital Letters
WRI.4.3.3.3.d	Uses resources to correct capitalization.	Punctuating Correctly
WRI.4.3.3.4.a	Uses punctuation rules from previous grades.	Exploring Nouns (1)
WRI.4.3.3.4.a	Uses punctuation rules from previous grades.	Kinds of Sentences
WRI.4.3.3.4.a	Uses punctuation rules from previous grades.	Possessive Words
WRI.4.3.3.4.a	Uses punctuation rules from previous grades.	Punctuation Marks
WRI.4.3.3.4.a	Uses punctuation rules from previous grades.	Spelling Lesson One
WRI.4.3.3.4.b	Uses comma to set off titles or initials (e.g., Dr. Smith, M.D.).	Exploring Nouns (1)
WRI.4.3.3.4.b	Uses comma to set off titles or initials (e.g., Dr. Smith, M.D.).	Possessive Words
WRI.4.3.3.4.b	Uses comma to set off titles or initials (e.g., Dr. Smith, M.D.).	Punctuating Correctly
WRI.4.3.3.4.b	Uses comma to set off titles or initials (e.g., Dr. Smith, M.D.).	Punctuation Marks
WRI.4.3.3.4.b	Uses comma to set off titles or initials (e.g., Dr. Smith, M.D.).	Spelling Lesson One
WRI.4.3.3.4.c	Uses comma in complete address (e.g., 12345 67th Ave., Spokane, WA).	Exploring Nouns (1)
WRI.4.3.3.4.c	Uses comma in complete address (e.g., 12345 67th Ave., Spokane, WA).	Possessive Words
WRI.4.3.3.4.c	Uses comma in complete address (e.g., 12345 67th Ave., Spokane, WA).	Spelling Lesson One
WRI.4.3.3.4.d	Uses comma after an introductory phrase (e.g., After the scary movie, she wished she had read the book.) or clause (e.g., After she went to the movie, she wanted to read the book.).	Exploring Nouns (1)
WRI.4.3.3.4.d	Uses comma after an introductory phrase (e.g., After the scary movie, she wished she had read the book.) or clause (e.g., After she went to the movie, she wanted to read the book.).	Possessive Words
WRI.4.3.3.4.d	Uses comma after an introductory phrase (e.g., After the scary movie, she wished she had read the book.) or clause (e.g., After she went to the movie, she wanted to read the book.).	Spelling Lesson One
WRI.4.3.3.4.e	Uses italics, underlining, or quotation marks for titles.	Possessive Words
WRI.4.3.3.4.e	Uses italics, underlining, or quotation marks for titles.	Punctuating Correctly
WRI.4.3.3.4.e	Uses italics, underlining, or quotation marks for titles.	Punctuation Marks
WRI.4.3.3.4.f	Uses colon after greeting in a business letter.	Essay: Writing a Letter
WRI.4.3.3.4.f	Uses colon after greeting in a business letter.	Exploring Nouns (1)
WRI.4.3.3.4.f	Uses colon after greeting in a business letter.	Possessive Words
WRI.4.3.3.4.f	Uses colon after greeting in a business letter.	Spelling Lesson One
WRI.4.3.3.4.g	Uses hyphen between syllables at line breaks.	Exploring Nouns (1)
WRI.4.3.3.4.g	Uses hyphen between syllables at line breaks.	Possessive Words

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WRI.4.3.3.4.g	Uses hyphen between syllables at line breaks.	Spelling Lesson 3
WRI.4.3.3.4.g	Uses hyphen between syllables at line breaks.	Spelling Lesson One
WRI.4.3.3.5.a	Applies usage rules from previous grades.	Exploring Nouns (1)
WRI.4.3.3.5.a	Applies usage rules from previous grades.	Spelling Lesson One
WRI.4.3.3.5.b	Uses single/plural agreement between nouns and modifiers (e.g., one child and two children).	Exploring Nouns (1)
WRI.4.3.3.5.b	Uses single/plural agreement between nouns and modifiers (e.g., one child and two children).	Nouns and Verbs
WRI.4.3.3.5.b	Uses single/plural agreement between nouns and modifiers (e.g., one child and two children).	Working With Nouns, Adjectives, and Adverbs
WRI.4.3.3.5.f	Uses among (more than two) vs. between (two).	Possessive Words
WRI.4.3.3.5.g	Uses conjunctions logically (e.g., I like dogs, but I am allergic to them.).	Exploring Nouns (1)
WRI.4.3.3.5.g	Uses conjunctions logically (e.g., I like dogs, but I am allergic to them.).	Kinds of Sentences
WRI.4.3.3.5.g	Uses conjunctions logically (e.g., I like dogs, but I am allergic to them.).	Spelling Lesson One
WRI.4.3.3.5.h	Uses prepositions correctly (e.g., in the past, from one to another).	Exploring Nouns (1)
WRI.4.3.3.5.h	Uses prepositions correctly (e.g., in the past, from one to another).	Spelling Lesson One
WRI.4.3.3.5.i	Uses collective nouns (e.g., cache, herd).	Exploring Nouns (1)
WRI.4.3.3.5.i	Uses collective nouns (e.g., cache, herd).	Nouns and Verbs
WRI.4.3.3.5.i	Uses collective nouns (e.g., cache, herd).	Spelling Lesson One
WRI.4.3.3.6.a	Does not use comma splices (e.g., They went to the store, they bought groceries.).	Exploring Nouns (1)
WRI.4.3.3.6.a	Does not use comma splices (e.g., They went to the store, they bought groceries.).	Possessive Words
WRI.4.3.3.6.a	Does not use comma splices (e.g., They went to the store, they bought groceries.).	Spelling Lesson One
WRI.4.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Essay: Writing Paragraphs
WRI.4.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Essay: Writing a Story
WRI.4.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Paragraph Writing
WRI.4.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Paragraphs
WRI.4.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Report: Native American Culture
WRI.4.3.3.8.a	Cites sources (e.g., lists titles and authors alphabetically).	Essay: Writing a Summary
WRI.4.3.3.8.a	Cites sources (e.g., lists titles and authors alphabetically).	Exploring Nouns (1)
WRI.4.3.3.8.a	Cites sources (e.g., lists titles and authors alphabetically).	Spelling Lesson One
WRI.4.4.1.1.b	Critiques a peer's writing and supports the opinion using established criteria (e.g., content, organization, style, conventions).	Exploring Nouns (1)
WRI.4.4.1.1.b	Critiques a peer's writing and supports the opinion using established criteria (e.g., content, organization, style, conventions).	Spelling Lesson One

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WRI.4.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., WASL rubric and anchor papers, checklists, 6-trait scoring guides).	Essay: Writing a Story
WRI.4.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., WASL rubric and anchor papers, checklists, 6-trait scoring guides).	Exploring Nouns (1)
WRI.4.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., WASL rubric and anchor papers, checklists, 6-trait scoring guides).	Spelling Lesson One
WRI.4.4.1.2.c	Provides evidence that goals have been met (e.g., "This piece demonstrates how well I now elaborate.").	Following Instructions
WRI.4.4.2.1.a	Sets goals by comparing own writing to rubric and anchor papers (e.g., WASL rubric and anchor papers, writing continuum).	Essay: Writing a Story
WRI.4.4.2.1.a	Sets goals by comparing own writing to rubric and anchor papers (e.g., WASL rubric and anchor papers, writing continuum).	Exploring Nouns (1)
WRI.4.4.2.1.a	Sets goals by comparing own writing to rubric and anchor papers (e.g., WASL rubric and anchor papers, writing continuum).	Spelling Lesson One
WRI.4.4.2.1.b	Writes reflection about growth in writing and creates an improvement plan (e.g., across several pieces of writing or in response to a specific piece of writing).	Exploring Nouns (1)
WRI.4.4.2.1.b	Writes reflection about growth in writing and creates an improvement plan (e.g., across several pieces of writing or in response to a specific piece of writing).	Spelling Lesson One
WRI.4.4.2.1.c	Evaluates own use of writing process and sets goals (e.g., "When I edit, I need to use a dictionary to check for spelling." "When revising, I need to re-read my writing to see if it makes sense.").	Essay: Report
WRI.4.4.2.1.c	Evaluates own use of writing process and sets goals (e.g., "When I edit, I need to use a dictionary to check for spelling." "When revising, I need to re-read my writing to see if it makes sense.").	Exploring Nouns (1)
WRI.4.4.2.1.c	Evaluates own use of writing process and sets goals (e.g., "When I edit, I need to use a dictionary to check for spelling." "When revising, I need to re-read my writing to see if it makes sense.").	Project: Report Project -- Part 3
WRI.4.4.2.1.c	Evaluates own use of writing process and sets goals (e.g., "When I edit, I need to use a dictionary to check for spelling." "When revising, I need to re-read my writing to see if it makes sense.").	Spelling Lesson One
WRI.4.4.2.1.c	Evaluates own use of writing process and sets goals (e.g., "When I edit, I need to use a dictionary to check for spelling." "When revising, I need to re-read my writing to see if it makes sense.").	Using a Dictionary
Grade:	Grade 5	
Subject:	Communication	
Grade:	Grade 3	
Grade:	Grade 4	
Section	Description	Lesson Title
COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Biography

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COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Essay: Writing a Summary
COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Joey and the Sad Tree (Part One)
COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Joey and the Sad Tree (Part Two)
COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Kippy the Kiwi
COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Short Story: Greedy, Selfish, and Honor
COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Short Story: Lost (Parts 1 and 2)
COM.4.1.1.2.b	Identifies main idea and gives three or more supporting details.	Writing Study Notes
COM.4.1.1.2.f	Arranges ideas using a variety of organizing methods to interpret information with teacher methods (e.g., drawings, graphic organizers, note taking).	Essay: Report
COM.4.1.1.2.f	Arranges ideas using a variety of organizing methods to interpret information with teacher methods (e.g., drawings, graphic organizers, note taking).	Project: Report Project -- Part 2
COM.4.1.1.2.f	Arranges ideas using a variety of organizing methods to interpret information with teacher methods (e.g., drawings, graphic organizers, note taking).	Writing Study Notes
COM.4.1.1.2.f	Arranges ideas using a variety of organizing methods to interpret information with teacher methods (e.g., drawings, graphic organizers, note taking).	Writing a Report
COM.4.1.1.2.f	Arranges ideas using a variety of organizing methods to interpret information with teacher methods (e.g., drawings, graphic organizers, note taking).	Writing a Report
COM.4.1.2.1.d	Summarizes stories, information, and videos (e.g., Social Studies; "Stories told by members of local tribes tell how they changed their environment to meet their needs and wants.").	Spelling Lesson 2
COM.4.1.2.2.a	Identifies point of view in an oral story or video, with teacher guidance.	Following Directions in Parables and Fables
COM.4.1.2.2.a	Identifies point of view in an oral story or video, with teacher guidance.	Spelling Lesson 2
COM.4.2.2.2.b	Reaches a group decision through compromise, with teacher guidance for large group solutions (e.g., blending differing points of view to reach a compromise or choosing the quickest or best solution).	Spelling Lesson 2
COM.4.2.3.2.b	Uses understanding of different styles to aid communication, with teacher guidance.	Spelling Lesson 2
COM.4.3.1.1.a	Plans a presentation for a specific purpose with teacher guidance (e.g., to entertain, inform, or explain).	Essay: Writing a Story
COM.4.3.1.1.a	Plans a presentation for a specific purpose with teacher guidance (e.g., to entertain, inform, or explain).	Report: Writing a Report
COM.4.3.1.1.a	Plans a presentation for a specific purpose with teacher guidance (e.g., to entertain, inform, or explain).	Spelling Lesson 2
COM.4.3.1.1.b	Selects material from a variety of resources (e.g., from a magazine, a video, or the Internet).	Dictionary Skills
COM.4.3.1.1.d	Uses planning tools (e.g., graphic organizers, notes, drawings) to organize information in a logical sequence using transitions (e.g., chronological order).	Essay: Report

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COM.4.3.1.1.d	Uses planning tools (e.g., graphic organizers, notes, drawings) to organize information in a logical sequence using transitions (e.g., chronological order).	Project: Report Project -- Part 2
COM.4.3.1.1.d	Uses planning tools (e.g., graphic organizers, notes, drawings) to organize information in a logical sequence using transitions (e.g., chronological order).	Writing a Report
COM.4.3.2.1.c	Uses reliable on-line sources with teacher guidance (e.g., Internet, encyclopedias).	Essay: Writing a Summary
COM.4.3.2.1.c	Uses reliable on-line sources with teacher guidance (e.g., Internet, encyclopedias).	Report: Native American Culture
COM.4.3.2.1.c	Uses reliable on-line sources with teacher guidance (e.g., Internet, encyclopedias).	Spelling Lesson 2
COM.4.3.3.1.b	Adjusts volume to engage the audience, with teacher guidance (e.g., lowers and raises voice for interest).	Spelling Lesson 2
COM.4.3.3.1.d	Uses appropriate language registers with teacher guidance (e.g., casual versus formal: peer-to-peer, small group versus large group).	Spelling Lesson 2
COM.4.4.2.1.b	Monitors progress toward meeting goals using a written record.	Exploring Nouns (1)
COM.4.4.2.1.b	Monitors progress toward meeting goals using a written record.	Nouns and Verbs
COM.4.4.2.1.b	Monitors progress toward meeting goals using a written record.	Spelling Lesson 3
COM.4.4.2.1.b	Monitors progress toward meeting goals using a written record.	Spelling Lesson One
Grade:	Grade 5	
Subject:	Reading	
Grade:	Grade 3	
Grade:	Grade 4	
Section	Description	Lesson Title
READ.4.1.1.4.a	Use multi-syllabic decoding when reading words in all texts.	Following Directions in Parables and Fables
READ.4.1.1.4.a	Use multi-syllabic decoding when reading words in all texts.	Haiku Poems
READ.4.1.1.4.a	Use multi-syllabic decoding when reading words in all texts.	Spelling Lesson 1
READ.4.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, and parts of speech of words.	Dictionary Skills
READ.4.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, and parts of speech of words.	Nouns and Verbs
READ.4.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, and parts of speech of words.	Spelling Lesson Three
READ.4.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, and parts of speech of words.	Using a Dictionary
READ.4.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, and parts of speech of words.	Verbs of Action or Being
READ.4.1.2.2.a	Use word origins to determine the meaning of unknown words.	Comprehension: A Little Salt, Please

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READ.4.1.2.2.a	Use word origins to determine the meaning of unknown words.	Sources of Words in the English Language
READ.4.1.2.2.b	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Root Words, Prefixes and Suffixes (1)
READ.4.1.2.2.b	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Root Words, Prefixes and Suffixes (2)
READ.4.1.2.2.b	Use the meanings of prefixes, suffixes, and abbreviated words to determine the meaning of unknown words in grade-level text.	Spelling Lesson 3
READ.4.1.2.2.c	Explain how to derive word meaning from knowledge of affixes and roots (e.g., port: transportation, porter, import, report).	Root Words, Prefixes and Suffixes (1)
READ.4.1.2.2.c	Explain how to derive word meaning from knowledge of affixes and roots (e.g., port: transportation, porter, import, report).	Root Words, Prefixes and Suffixes (2)
READ.4.1.2.2.c	Explain how to derive word meaning from knowledge of affixes and roots (e.g., port: transportation, porter, import, report).	Spelling Lesson 1
READ.4.1.2.2.c	Explain how to derive word meaning from knowledge of affixes and roots (e.g., port: transportation, porter, import, report).	Spelling Lesson 2
READ.4.1.2.2.c	Explain how to derive word meaning from knowledge of affixes and roots (e.g., port: transportation, porter, import, report).	Spelling Lesson 3
READ.4.1.2.2.c	Explain how to derive word meaning from knowledge of affixes and roots (e.g., port: transportation, porter, import, report).	Spelling Lesson 3
READ.4.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in oral and written communication.	Exploring Nouns (1)
READ.4.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in oral and written communication.	Joey and the Sad Tree (Part One)
READ.4.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in oral and written communication.	Nouns and Verbs
READ.4.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in oral and written communication.	Spelling Lesson One
READ.4.1.3.1.a	Use new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, in oral and written communication.	Tall Tales
READ.4.1.3.2.b	Explain that some words have a different meaning in different content areas (e.g., concept of shade in science and art).	Joey and the Sad Tree (Part One)

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READ.4.1.3.2.b	Explain that some words have a different meaning in different content areas (e.g., concept of shade in science and art).	Tall Tales
READ.4.1.3.2.c	Select, from multiple choices, the meaning of words necessary to understand.	Joey and the Sad Tree (Part One)
READ.4.1.3.2.c	Select, from multiple choices, the meaning of words necessary to understand.	Tall Tales
READ.4.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 115-125+ words correct per minute.	Reading Fluency
READ.4.2.1.3.a	State the main idea of an informational/expository text passage and provide three or more text-based details that support it.	Essay: Writing a Summary
READ.4.2.1.3.a	State the main idea of an informational/expository text passage and provide three or more text-based details that support it.	Joey and the Sad Tree (Part One)
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Biography: On the Farm; Cause and Effect
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Biography
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Book Reports
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Comprehension: A Little Salt, Please
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Comprehension: The Hobby of Stamp Collecting
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Essay: Writing a Summary
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Following Instructions
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Joey and the Sad Tree (Part One)
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Joey and the Sad Tree (Part Two)
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Kippy the Kiwi
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Reading Skills (1)
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Reasons for Reading
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Short Story: Greedy, Selfish, and Honor
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Short Story: Heidi (1)
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Short Story: Heidi (2); Fiction and Nonfiction
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Short Story: Jeannie's Friend (1)
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Short Story: Lost (Parts 1 and 2)
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Short Story: The Early Olympic Games
READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Study Skills

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READ.4.2.1.3.b	State the main idea of a literary/narrative text passage and support with three details from the story.	Writing Study Notes
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Biography: On the Farm; Cause and Effect
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Biography
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Book Reports
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Comprehension: A Little Salt, Please
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Comprehension: The Hobby of Stamp Collecting
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Essay: Writing a Summary
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Joey and the Sad Tree (Part One)
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Joey and the Sad Tree (Part Two)
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Reading Skills (1)
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Short Story: Candy Bars; Outlining
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Short Story: Greedy, Selfish, and Honor
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Short Story: Heidi (1)
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Short Story: Heidi (2); Fiction and Nonfiction
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Short Story: Jeannie's Friend (1)
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Short Story: Lost (Parts 1 and 2)
READ.4.2.1.3.c	Select, from multiple choices, the main/major idea of a passage, poem, or selection.	Short Story: The Early Olympic Games
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Biography
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Essay: Writing a Summary
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Joey and the Sad Tree (Part One)
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Reading Skills (1)
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Short Story: Heidi (1)
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Short Story: Jeannie's Friend (1)

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READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Short Story: The Early Olympic Games
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Study Skills
READ.4.2.1.3.e	Organize main ideas and supporting details in a teacher-selected graphic organizer to enhance comprehension of text.	Writing Study Notes
READ.4.2.1.5.a	Predict text content using prior knowledge and text features.	Short Story: Jeannie's Friend (1)
READ.4.2.1.5.a	Predict text content using prior knowledge and text features.	Short Story: Lost (Parts 1 and 2)
READ.4.2.1.5.b	Use text and prior knowledge to make, confirm, or revise inferences and predictions.	Comprehension: A Little Salt, Please
READ.4.2.1.5.b	Use text and prior knowledge to make, confirm, or revise inferences and predictions.	Short Story: Jeannie's Friend (1)
READ.4.2.1.5.b	Use text and prior knowledge to make, confirm, or revise inferences and predictions.	Short Story: Lost (Parts 1 and 2)
READ.4.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Comprehension: A Little Salt, Please
READ.4.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Short Story: Jeannie's Friend (1)
READ.4.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Short Story: Lost (Parts 1 and 2)
READ.4.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Comprehension: A Little Salt, Please
READ.4.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Short Story: Jeannie's Friend (1)
READ.4.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Short Story: Lost (Parts 1 and 2)
READ.4.2.1.5.e	Organize information that supports a prediction or inference in a graphic organizer to enhance comprehension of text.	Comprehension: A Little Salt, Please
READ.4.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Exploring Nouns (1)
READ.4.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Nouns and Verbs
READ.4.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Principles of Poetry
READ.4.2.1.6.c	Draw, write about, or verbally describe the mental imagery that occurs while reading.	Spelling Lesson One
READ.4.2.1.7.b	Summarize the plot/message in culturally relevant literary/narrative text.	Fables

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READ.4.2.1.7.b	Summarize the plot/message in culturally relevant literary/narrative text.	Thinking About What You Read
READ.4.2.2.3.a	Use knowledge of situation and characters' actions, motivations, feelings, and physical attributes to determine characters' traits.	Essay: Writing a Fable
READ.4.2.2.3.a	Use knowledge of situation and characters' actions, motivations, feelings, and physical attributes to determine characters' traits.	Following Directions in Parables and Fables
READ.4.2.2.3.a	Use knowledge of situation and characters' actions, motivations, feelings, and physical attributes to determine characters' traits.	Project: Tall Tale
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Biography: On the Farm; Cause and Effect
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Essay: Writing a Fable
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Fables
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Following Directions in Parables and Fables
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Project: Tall Tale
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Short Story: Jeannie's Friend (1)
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Short Story: The Early Olympic Games
READ.4.2.2.3.b	Identify the main events in a plot, including the cause and effect relationship in problem solving.	Thinking About What You Read
READ.4.2.2.3.c	Describe the components of setting and explain how and why setting is important to the story.	Essay: Writing a Fable
READ.4.2.2.3.c	Describe the components of setting and explain how and why setting is important to the story.	Fables
READ.4.2.2.3.c	Describe the components of setting and explain how and why setting is important to the story.	Following Directions in Parables and Fables
READ.4.2.2.3.c	Describe the components of setting and explain how and why setting is important to the story.	Project: Tall Tale
READ.4.2.2.3.c	Describe the components of setting and explain how and why setting is important to the story.	Short Story: Candy Bars; Outlining
READ.4.2.2.3.c	Describe the components of setting and explain how and why setting is important to the story.	Thinking About What You Read
READ.4.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Fables
READ.4.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Following Directions in Parables and Fables
READ.4.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Kippy the Kiwi

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READ.4.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: Candy Bars; Outlining
READ.4.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: Greedy, Selfish, and Honor
READ.4.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Short Story: Heidi (1)
READ.4.2.2.3.e	Select, from multiple choices, the best description of a character or setting in a story or poem (e.g., character traits, feelings, character's problem, or importance of character).	Thinking About What You Read
READ.4.2.2.4.a	Recognize and use previously learned text organizational structures (simple listing, sequential order, description, compare and contrast) to aid comprehension.	Biography: On the Farm; Cause and Effect
READ.4.2.3.1.b	Compare and contrast information (e.g., similar topics written in different genres such as a short story and a poem or magazine article and encyclopedia).	Biography: On the Farm; Cause and Effect
READ.4.2.3.1.b	Compare and contrast information (e.g., similar topics written in different genres such as a short story and a poem or magazine article and encyclopedia).	Following Directions in Parables and Fables
READ.4.2.3.1.b	Compare and contrast information (e.g., similar topics written in different genres such as a short story and a poem or magazine article and encyclopedia).	Haiku Poems
READ.4.2.3.1.b	Compare and contrast information (e.g., similar topics written in different genres such as a short story and a poem or magazine article and encyclopedia).	Writing a Report
READ.4.2.3.1.d	Select, from multiple choices, a sentence that describes how information is alike or different (e.g., information from two selections).	Essay: Writing a Fable
READ.4.2.3.1.d	Select, from multiple choices, a sentence that describes how information is alike or different (e.g., information from two selections).	Following Directions in Parables and Fables
READ.4.2.3.1.d	Select, from multiple choices, a sentence that describes how information is alike or different (e.g., information from two selections).	Project: Tall Tale
READ.4.2.3.1.e	Recognize and explain cause and effect relationships in informational/expository text and literary/narrative text, using evidence from the text.	Biography: On the Farm; Cause and Effect
READ.4.2.3.1.e	Recognize and explain cause and effect relationships in informational/expository text and literary/narrative text, using evidence from the text.	Short Story: Jeannie's Friend (1)
READ.4.2.3.1.e	Recognize and explain cause and effect relationships in informational/expository text and literary/narrative text, using evidence from the text.	Short Story: The Early Olympic Games
READ.4.2.3.1.e	Recognize and explain cause and effect relationships in informational/expository text and literary/narrative text, using evidence from the text.	Thinking About What You Read
READ.4.2.3.1.f	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Biography: On the Farm; Cause and Effect

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READ.4.2.3.1.f	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Short Story: Jeannie's Friend (1)
READ.4.2.3.1.f	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Short Story: The Early Olympic Games
READ.4.2.3.1.f	Select, from multiple choices, a sentence that explains the cause of events or the effects of actions.	Thinking About What You Read
READ.4.2.3.2.a	Use multiple organizational systems to locate information from reference and content area materials.	Essay: Report
READ.4.2.3.2.a	Use multiple organizational systems to locate information from reference and content area materials.	Project: Report Project -- Part 2
READ.4.2.3.2.a	Use multiple organizational systems to locate information from reference and content area materials.	Report: Native American Culture
READ.4.2.3.2.a	Use multiple organizational systems to locate information from reference and content area materials.	Taking Notes and Making an Outline
READ.4.2.3.2.a	Use multiple organizational systems to locate information from reference and content area materials.	Writing a Report
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Essay: Writing a Fable
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Figurative Language
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Following Directions in Parables and Fables
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Haiku Poetry Composition
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Poetic Expressions
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Principles of Poetry
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Project: Tall Tale
READ.4.2.3.3.a	Explain the meaning of simile, personification, metaphor, idiom, and humor in literary/narrative passages.	Writing Poetry
READ.4.2.4.1.a	Give a personal response that demonstrates insight about text, using a teacher-generated prompt (e.g., what would be the best/worst part of an event or situation).	Spelling Lesson 2
READ.4.2.4.2.a	Determine the author's purpose and support decision with evidence/details from text.	Reading Skills (2)
READ.4.2.4.2.a	Determine the author's purpose and support decision with evidence/details from text.	Reasons for Reading
READ.4.2.4.2.a	Determine the author's purpose and support decision with evidence/details from text.	Short Story: Jeannie's Friend (2)
READ.4.2.4.2.a	Determine the author's purpose and support decision with evidence/details from text.	Thinking About What You Read
READ.4.2.4.2.b	Identify and explain how the author's use of word choice, sentence structure and length, and/or literary/narrative devices affects the reader, using a variety of texts.	Essay: Writing a Fable
READ.4.2.4.2.b	Identify and explain how the author's use of word choice, sentence structure and length, and/or literary/narrative devices affects the reader, using a variety of texts.	Following Directions in Parables and Fables
READ.4.2.4.2.b	Identify and explain how the author's use of word choice, sentence structure and length, and/or literary/narrative devices affects the reader, using a variety of texts.	Project: Tall Tale
READ.4.2.4.3.a	Identify facts and opinions; provide evidence from the text to support your answer.	Fact and Opinion

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READ.4.2.4.3.a	Identify facts and opinions; provide evidence from the text to support your answer.	Reading Skills (2)
READ.4.2.4.3.a	Identify facts and opinions; provide evidence from the text to support your answer.	Thinking About What You Read
READ.4.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Fact and Opinion
READ.4.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Reading Skills (2)
READ.4.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Thinking About What You Read
READ.4.2.4.5.a	Generalize about a topic after reading more than one text (e.g., make generalizations about life on the prairie after reading several informational/expository and literary/narrative accounts of the migration west).	Essay: Descriptive Paragraph
READ.4.3.1.1.a	Collect and use information from a variety of resources to solve a problem or answer a question.	Finding Information
READ.4.3.2.2.a	Explain the information in functional documents related to hobbies or interests (e.g., skate boarding magazines, books about animals, e-mail, and letters from friends).	Essay: Writing a Letter
READ.4.3.4.2.a	Explain the characteristics of a variety of genres.	Book Reports
READ.4.3.4.2.a	Explain the characteristics of a variety of genres.	Comprehension: A Little Salt, Please
READ.4.3.4.2.a	Explain the characteristics of a variety of genres.	Haiku Poems
READ.4.3.4.2.a	Explain the characteristics of a variety of genres.	Recognizing Literary Forms
READ.4.3.4.2.a	Explain the characteristics of a variety of genres.	Tall Tales
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Essay: Writing a Fable
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Project: Book Report -- Biography
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Project: Book Report -- Fiction
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Project: Book Report -- Folk Tales
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Project: Book Report -- Haiku Poetry
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Project: Book Report -- Historical Fiction
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Project: Book Report -- Nonfiction
READ.4.3.4.2.b	Respond to literature from a variety of genres using teacher or self-generated prompts appropriate to the text and content.	Project: Book Report -- Poetry
READ.4.4.1.2.a	Set reading goals, create a plan to meet those goals, and monitor progress toward implementing the plan with teacher assistance.	Spelling Lesson 2
READ.4.4.2.1.a	Discuss and share favorite authors, books, and genres with others. Explain reason for choices.	Following Directions in Parables and Fables

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READ.4.4.2.1.a

Discuss and share favorite authors, books, and genres with others. Explain reason for choices.

Haiku Poems

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Writing
Grade:	Grade 3
Grade:	Grade 4
Grade:	Grade 5

Section	Description	Lesson Title
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	Mastering Dialogue
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	Outlines
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	Project: Outline
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	Project: Outline
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	Story Writing
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	The Written Report (1)
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	The Written Report (2)
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	Writing a Short Story
WRI.5.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing, uses a story board).	Writing, Short Story: Joes Dilemma (2)
WRI.5.1.1.1.b	Gathers information from a range of sources, formulates questions, and uses an organizer (e.g., electronic graphic organizer, chart) to analyze and/or synthesize to plan writing.	Essay: Report
WRI.5.1.1.1.b	Gathers information from a range of sources, formulates questions, and uses an organizer (e.g., electronic graphic organizer, chart) to analyze and/or synthesize to plan writing.	Essay: Report

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WRI.5.1.1.1.b	Gathers information from a range of sources, formulates questions, and uses an organizer (e.g., electronic graphic organizer, chart) to analyze and/or synthesize to plan writing.	Project: Preparing a Report
WRI.5.1.1.1.b	Gathers information from a range of sources, formulates questions, and uses an organizer (e.g., electronic graphic organizer, chart) to analyze and/or synthesize to plan writing.	Project: Summary of Dick Whittington
WRI.5.1.1.1.b	Gathers information from a range of sources, formulates questions, and uses an organizer (e.g., electronic graphic organizer, chart) to analyze and/or synthesize to plan writing.	Report: Story Comparison
WRI.5.1.1.1.b	Gathers information from a range of sources, formulates questions, and uses an organizer (e.g., electronic graphic organizer, chart) to analyze and/or synthesize to plan writing.	Writing a Report with Facts and Opinions
WRI.5.1.2.1.a	Refers to a prewriting plan.	Contractions
WRI.5.1.2.1.a	Refers to a prewriting plan.	Main Verbs
WRI.5.1.2.1.a	Refers to a prewriting plan.	Outlines
WRI.5.1.2.1.a	Refers to a prewriting plan.	Project: Outline
WRI.5.1.2.1.a	Refers to a prewriting plan.	Project: Outline
WRI.5.1.2.1.a	Refers to a prewriting plan.	Story Writing
WRI.5.1.2.1.a	Refers to a prewriting plan.	The Written Report (1)
WRI.5.1.2.1.a	Refers to a prewriting plan.	The Written Report (2)
WRI.5.1.2.1.a	Refers to a prewriting plan.	Writing a Short Story
WRI.5.1.2.1.b	Drafts by hand and/or electronically.	Contractions
WRI.5.1.2.1.b	Drafts by hand and/or electronically.	Essay: Report
WRI.5.1.2.1.b	Drafts by hand and/or electronically.	Essay: Short Story
WRI.5.1.2.1.b	Drafts by hand and/or electronically.	Essay: Short Story
WRI.5.1.2.1.b	Drafts by hand and/or electronically.	Main Verbs
WRI.5.1.2.1.b	Drafts by hand and/or electronically.	Story Writing
WRI.5.1.2.1.c	Rereads text and continues drafting over time.	Essay: Report
WRI.5.1.2.1.c	Rereads text and continues drafting over time.	Essay: Short Story
WRI.5.1.2.1.c	Rereads text and continues drafting over time.	Essay: Short Story
WRI.5.1.2.1.c	Rereads text and continues drafting over time.	Story Writing
WRI.5.1.2.1.d	Rereads text, puts it away, and returns to it later.	Contractions
WRI.5.1.2.1.d	Rereads text, puts it away, and returns to it later.	Essay: Report
WRI.5.1.2.1.d	Rereads text, puts it away, and returns to it later.	Essay: Short Story
WRI.5.1.2.1.d	Rereads text, puts it away, and returns to it later.	Essay: Short Story
WRI.5.1.2.1.d	Rereads text, puts it away, and returns to it later.	Main Verbs
WRI.5.1.2.1.d	Rereads text, puts it away, and returns to it later.	Story Writing
WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Contractions
WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Essay: Short Story

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WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Main Verbs
WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Mastering Dialogue
WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Phrases, Adjectives, and Adverbs
WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Possessive Nouns; Uses of Nouns
WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Story Writing
WRI.5.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding details for elaboration; second reading - deleting sentences or phrases to achieve paragraph unity; third reading - reorganizing ideas for meaning).	Writing, Short Story: Joes Dilemma (2)
WRI.5.1.3.1.b	Records feedback using writing group procedure (e.g., partner underlines telling sentences, such as "I had fun," and writer changes to show detail, "I squealed as the roller coaster sped around a corner.").	Contractions
WRI.5.1.3.1.b	Records feedback using writing group procedure (e.g., partner underlines telling sentences, such as "I had fun," and writer changes to show detail, "I squealed as the roller coaster sped around a corner.").	Main Verbs
WRI.5.1.3.1.b	Records feedback using writing group procedure (e.g., partner underlines telling sentences, such as "I had fun," and writer changes to show detail, "I squealed as the roller coaster sped around a corner.").	Mastering Dialogue
WRI.5.1.3.1.b	Records feedback using writing group procedure (e.g., partner underlines telling sentences, such as "I had fun," and writer changes to show detail, "I squealed as the roller coaster sped around a corner.").	Writing, Short Story: Joes Dilemma (2)
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Essay: Descriptive Story
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Essay: Pollution
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Essay: Report
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Essay: Report

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WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Essay: Short Story
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Essay: Short Story
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Essay: Spelling Story
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Project: Book Report -- Biography
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Project: Book Report -- Fiction
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Project: Book Report -- Historical Fiction
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Project: Book Report -- Nonfiction
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Project: Book Report -- Poetry
WRI.5.1.3.1.c	Makes decisions about writing based on feedback (e.g., revision before final draft).	Story Writing
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Contractions
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Main Verbs
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Participles
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Showing Comparisons with Adverbs
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Singular and Plural Nouns
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Spelling Lesson One
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Spelling Lesson Three
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Spelling Lesson Two
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Subject/Verb Agreement; Contractions
WRI.5.1.4.1.a	Identifies and corrects errors in grade level conventions.	Verb Forms
WRI.5.1.4.1.b	Uses multiple resources regularly (e.g., dictionary, peer, adult, available technology, writing guide).	Contractions
WRI.5.1.4.1.b	Uses multiple resources regularly (e.g., dictionary, peer, adult, available technology, writing guide).	Main Verbs
WRI.5.1.4.1.b	Uses multiple resources regularly (e.g., dictionary, peer, adult, available technology, writing guide).	Vocabulary Study
WRI.5.1.4.1.c	Proofreads final draft for errors.	Contractions
WRI.5.1.4.1.c	Proofreads final draft for errors.	Essay: Report
WRI.5.1.4.1.c	Proofreads final draft for errors.	Essay: Short Story
WRI.5.1.4.1.c	Proofreads final draft for errors.	Main Verbs
WRI.5.1.4.1.c	Proofreads final draft for errors.	Story Writing
WRI.5.1.5.1.a	Publishes using a variety of publishing options (e.g., book, poster).	Contractions
WRI.5.1.5.1.a	Publishes using a variety of publishing options (e.g., book, poster).	Main Verbs
WRI.5.1.5.1.a	Publishes using a variety of publishing options (e.g., book, poster).	Project: Poetry Book
WRI.5.1.5.1.b	Publishes multipage pieces and attends to format, graphics, illustrations, and other text features (e.g., captioned photos, maps).	Project: Poetry Book
WRI.5.1.5.1.c	Publishes for a wide range of purposes, in different forms and formats.	Contractions
WRI.5.1.5.1.c	Publishes for a wide range of purposes, in different forms and formats.	Essay: Fable Rewrite

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WRI.5.1.5.1.c	Publishes for a wide range of purposes, in different forms and formats.	Main Verbs
WRI.5.1.5.1.c	Publishes for a wide range of purposes, in different forms and formats.	Project: Poetry Book
WRI.5.1.5.1.d	Uses a variety of available technology as part of publication (e.g., slide show, overhead projector, publication software).	Contractions
WRI.5.1.5.1.d	Uses a variety of available technology as part of publication (e.g., slide show, overhead projector, publication software).	Main Verbs
WRI.5.1.6.1.a	Revises at any stage of process.	Essay: Short Story
WRI.5.1.6.1.a	Revises at any stage of process.	Story Writing
WRI.5.1.6.1.b	Edits as needed at any stage.	Contractions
WRI.5.1.6.1.b	Edits as needed at any stage.	Main Verbs
WRI.5.1.6.1.b	Edits as needed at any stage.	Participles
WRI.5.1.6.1.b	Edits as needed at any stage.	Spelling Lesson One
WRI.5.1.6.1.b	Edits as needed at any stage.	Spelling Lesson Three
WRI.5.1.6.1.b	Edits as needed at any stage.	Spelling Lesson Two
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Contractions
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Essay: Report
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Essay: Short Story
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Essay: Short Story
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Main Verbs
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Project: Free Verse Poem
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Project: Pen Pictures and Couplets
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Project: Poetry Book
WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Project: Poetry Project

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WRI.5.1.6.2.a	Contributes to different parts of writing process when working on a class poetry book (e.g., individuals draft poem; group plans format together; individuals submit word processed poems; team edits; class publishes).	Story Writing
WRI.5.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Contractions
WRI.5.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Essay: Report
WRI.5.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Essay: Short Story
WRI.5.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Essay: Short Story
WRI.5.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Main Verbs
WRI.5.1.6.3.a	Works on one draft over several days or weeks adjusting work to fit the time frame.	Story Writing
WRI.5.1.6.3.b	Allots amount of time for each stage of writing process for on-demand writing.	Contractions
WRI.5.1.6.3.b	Allots amount of time for each stage of writing process for on-demand writing.	Main Verbs
WRI.5.1.6.3.c	Adjusts the number of drafts for ondemand tasks.	Contractions
WRI.5.1.6.3.c	Adjusts the number of drafts for ondemand tasks.	Essay: Report
WRI.5.1.6.3.c	Adjusts the number of drafts for ondemand tasks.	Essay: Short Story
WRI.5.1.6.3.c	Adjusts the number of drafts for ondemand tasks.	Main Verbs
WRI.5.1.6.3.c	Adjusts the number of drafts for ondemand tasks.	Story Writing
WRI.5.2.1.1.a	Identifies an intended audience.	Contractions
WRI.5.2.1.1.a	Identifies an intended audience.	Main Verbs
WRI.5.2.1.1.a	Identifies an intended audience.	The Written Report (1)
WRI.5.2.1.1.b	Identifies and includes information a diverse audience needs to know (e.g., explains prior events, makes no assumptions about audience's prior knowledge, such as defining an ollie in skateboarding).	The Written Report (1)
WRI.5.2.1.1.c	Anticipates readers' questions and writes accordingly.	Contractions
WRI.5.2.1.1.c	Anticipates readers' questions and writes accordingly.	Main Verbs
WRI.5.2.2.1.a	Writes to analyze informational text or data (e.g., explains the steps of a scientific investigation).	Essay: Report
WRI.5.2.2.1.a	Writes to analyze informational text or data (e.g., explains the steps of a scientific investigation).	Essay: Report
WRI.5.2.2.1.a	Writes to analyze informational text or data (e.g., explains the steps of a scientific investigation).	Project: Preparing a Report
WRI.5.2.2.1.a	Writes to analyze informational text or data (e.g., explains the steps of a scientific investigation).	Project: Summary of Dick Whittington
WRI.5.2.2.1.a	Writes to analyze informational text or data (e.g., explains the steps of a scientific investigation).	Report: Story Comparison
WRI.5.2.2.1.a	Writes to analyze informational text or data (e.g., explains the steps of a scientific investigation).	Writing a Report with Facts and Opinions
WRI.5.2.2.1.b	Writes to learn (e.g., math learning logs, reflections, double-entry logs, steps/strategies used to solve math problems), to tell a story, to explain, and to persuade.	Contractions
WRI.5.2.2.1.b	Writes to learn (e.g., math learning logs, reflections, double-entry logs, steps/strategies used to solve math problems), to tell a story, to explain, and to persuade.	Essay: Fable Rewrite

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WRI.5.2.2.1.b	Writes to learn (e.g., math learning logs, reflections, double-entry logs, steps/strategies used to solve math problems), to tell a story, to explain, and to persuade.	Main Verbs
WRI.5.2.2.1.c	Writes for more than one purpose using the same form (e.g., a letter used to explain, to request, or to persuade).	Essay: Fable Rewrite
WRI.5.2.2.1.c	Writes for more than one purpose using the same form (e.g., a letter used to explain, to request, or to persuade).	The Written Report (1)
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Contractions
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Essay: Descriptive Story
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Essay: Fable Rewrite
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Essay: Short Story
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Essay: Spelling Story
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Main Verbs
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Mastering Dialogue
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Project: Seed Ideas
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	The Written Report (1)
WRI.5.2.2.1.d	Includes more than one mode within a piece to address purpose (e.g., descriptive details or narrative anecdote within an explanation).	Writing, Short Story: Joes Dilemma (2)
WRI.5.2.3.1.a	Includes more than one form/genre in a single piece (e.g., a report about salmon that includes a poem, fact box, and story).	Essay: Fable Rewrite
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Aesop and Fables
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Enjoying Poetry
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Essay: Dialogue
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Essay: Personal Reaction
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Essay: Short Story
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Project: Book Report -- Nonfiction
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Project: Composition Folder

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WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Project: Fables
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Project: Poetry Book
WRI.5.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Project: Poetry Project
WRI.5.2.3.1.c	Produces a variety of new forms/ genres.	Contractions
WRI.5.2.3.1.c	Produces a variety of new forms/ genres.	Essay: Fable Rewrite
WRI.5.2.3.1.c	Produces a variety of new forms/ genres.	Main Verbs
WRI.5.2.3.1.d.1	interviews	Contractions
WRI.5.2.3.1.d.1	interviews	Essay: Fable Rewrite
WRI.5.2.3.1.d.1	interviews	Main Verbs
WRI.5.2.3.1.d.2	autobiographies	Contractions
WRI.5.2.3.1.d.2	autobiographies	Essay: Fable Rewrite
WRI.5.2.3.1.d.2	autobiographies	Main Verbs
WRI.5.2.3.1.d.3	business letters	Contractions
WRI.5.2.3.1.d.3	business letters	Essay: Fable Rewrite
WRI.5.2.3.1.d.3	business letters	Main Verbs
WRI.5.2.3.1.d.4	expository essays	Contractions
WRI.5.2.3.1.d.4	expository essays	Essay: Fable Rewrite
WRI.5.2.3.1.d.4	expository essays	Main Verbs
WRI.5.2.3.1.d.5	persuasive advertisements	Contractions
WRI.5.2.3.1.d.5	persuasive advertisements	Essay: Fable Rewrite
WRI.5.2.3.1.d.5	persuasive advertisements	Essay: Pollution
WRI.5.2.3.1.d.5	persuasive advertisements	Essay: Robin Hood
WRI.5.2.3.1.d.5	persuasive advertisements	Main Verbs
WRI.5.2.3.1.d.6	field observation notes	Contractions
WRI.5.2.3.1.d.6	field observation notes	Essay: Fable Rewrite
WRI.5.2.3.1.d.6	field observation notes	Main Verbs
WRI.5.2.3.1.d.6	field observation notes	Project: Preparing a Report
WRI.5.2.3.1.d.6	field observation notes	Project: Taking Notes
WRI.5.2.3.1.d.7	book reviews	Contractions
WRI.5.2.3.1.d.7	book reviews	Essay: Fable Rewrite
WRI.5.2.3.1.d.7	book reviews	Essay: Land of Lilliput
WRI.5.2.3.1.d.7	book reviews	Essay: Personal Reaction
WRI.5.2.3.1.d.7	book reviews	Main Verbs
WRI.5.2.3.1.d.7	book reviews	Project: Book Report -- Biography
WRI.5.2.3.1.d.7	book reviews	Project: Book Report -- Fiction
WRI.5.2.3.1.d.7	book reviews	Project: Book Report -- Historical Fiction
WRI.5.2.3.1.d.7	book reviews	Project: Book Report -- Nonfiction
WRI.5.2.3.1.d.7	book reviews	Project: Book Report -- Poetry
WRI.5.2.3.1.d.8	rhyming couplets	Contractions
WRI.5.2.3.1.d.8	rhyming couplets	Essay: Fable Rewrite
WRI.5.2.3.1.d.8	rhyming couplets	Main Verbs
WRI.5.2.3.1.d.8	rhyming couplets	Project: Pen Pictures and Couplets
WRI.5.2.3.1.d.9	raps	Contractions
WRI.5.2.3.1.d.9	raps	Essay: Fable Rewrite
WRI.5.2.3.1.d.9	raps	Main Verbs
WRI.5.2.4.1.a	Collaborates with peers on writing projects (e.g., social studies reports, science lab reports).	Contractions
WRI.5.2.4.1.a	Collaborates with peers on writing projects (e.g., social studies reports, science lab reports).	Main Verbs

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WRI.5.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., fund-raising receipts, student council applications, data collection forms).	Contractions
WRI.5.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., fund-raising receipts, student council applications, data collection forms).	Essay: Fable Rewrite
WRI.5.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., fund-raising receipts, student council applications, data collection forms).	Main Verbs
WRI.5.3.1.1.a	Narrows topic with controlling idea (e.g., from general topic, such as baseball, to specific topic, such as "The Mariners are my favorite baseball team.").	Contractions
WRI.5.3.1.1.a	Narrows topic with controlling idea (e.g., from general topic, such as baseball, to specific topic, such as "The Mariners are my favorite baseball team.").	Main Verbs
WRI.5.3.1.1.a	Narrows topic with controlling idea (e.g., from general topic, such as baseball, to specific topic, such as "The Mariners are my favorite baseball team.").	Project: Finding the Topic
WRI.5.3.1.1.a	Narrows topic with controlling idea (e.g., from general topic, such as baseball, to specific topic, such as "The Mariners are my favorite baseball team.").	Project: Preparing a Report
WRI.5.3.1.1.a	Narrows topic with controlling idea (e.g., from general topic, such as baseball, to specific topic, such as "The Mariners are my favorite baseball team.").	Project: Seed Ideas
WRI.5.3.1.1.a	Narrows topic with controlling idea (e.g., from general topic, such as baseball, to specific topic, such as "The Mariners are my favorite baseball team.").	The Written Report (1)
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Adjectives (2)
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Contractions
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Essay: Pollution
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Main Verbs
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Mastering Dialogue
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Phrases, Adjectives, and Adverbs
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Possessive Nouns; Uses of Nouns
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Project: Finding the Topic
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Project: Preparing a Report

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WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Project: Seed Ideas
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	The Written Report (1)
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Writing Better Sentences
WRI.5.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., specific words and phrases, reasons, anecdotes, facts, descriptions, examples).	Writing, Short Story: Joes Dilemma (2)
WRI.5.3.1.1.c	Uses personal experiences, observations, and research to support opinions and ideas (e.g., data relevant to the topic to support conclusions in math, science, or social studies; appropriate anecdotes to explain or persuade).	Outlines
WRI.5.3.1.1.c	Uses personal experiences, observations, and research to support opinions and ideas (e.g., data relevant to the topic to support conclusions in math, science, or social studies; appropriate anecdotes to explain or persuade).	Project: Outline
WRI.5.3.1.1.c	Uses personal experiences, observations, and research to support opinions and ideas (e.g., data relevant to the topic to support conclusions in math, science, or social studies; appropriate anecdotes to explain or persuade).	Project: Outline
WRI.5.3.1.1.c	Uses personal experiences, observations, and research to support opinions and ideas (e.g., data relevant to the topic to support conclusions in math, science, or social studies; appropriate anecdotes to explain or persuade).	The Written Report (2)
WRI.5.3.1.1.d	Varies method of developing character (e.g., dialogue) and setting (e.g., through the eyes of a character) in narratives.	Essay: Dialogue
WRI.5.3.1.1.d	Varies method of developing character (e.g., dialogue) and setting (e.g., through the eyes of a character) in narratives.	Mastering Dialogue
WRI.5.3.1.1.d	Varies method of developing character (e.g., dialogue) and setting (e.g., through the eyes of a character) in narratives.	Project: Making Conversation
WRI.5.3.1.1.d	Varies method of developing character (e.g., dialogue) and setting (e.g., through the eyes of a character) in narratives.	Project: Seed Ideas
WRI.5.3.1.1.d	Varies method of developing character (e.g., dialogue) and setting (e.g., through the eyes of a character) in narratives.	Story Writing
WRI.5.3.1.1.d	Varies method of developing character (e.g., dialogue) and setting (e.g., through the eyes of a character) in narratives.	Types of Sentences
WRI.5.3.1.1.d	Varies method of developing character (e.g., dialogue) and setting (e.g., through the eyes of a character) in narratives.	Writing, Short Story: Joes Dilemma (2)
WRI.5.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Contractions
WRI.5.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Main Verbs
WRI.5.3.1.2.a	Writes in a logically organized progression of unified paragraphs.	Project: Seed Ideas
WRI.5.3.1.2.c	Develops an effective ending that goes beyond a repetition of the introduction (e.g., summary, prediction).	Abused Language
WRI.5.3.1.2.c	Develops an effective ending that goes beyond a repetition of the introduction (e.g., summary, prediction).	Essay: Writing a Summary
WRI.5.3.1.2.c	Develops an effective ending that goes beyond a repetition of the introduction (e.g., summary, prediction).	Main Ideas and Supporting Details

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WRI.5.3.1.2.c	Develops an effective ending that goes beyond a repetition of the introduction (e.g., summary, prediction).	Reading a Story
WRI.5.3.1.2.c	Develops an effective ending that goes beyond a repetition of the introduction (e.g., summary, prediction).	Writing, Short Story: Joes Dilemma (2)
WRI.5.3.1.2.d	Varies leads and endings in narratives.	Writing, Short Story: Joes Dilemma (2)
WRI.5.3.1.2.e	Sequences ideas and uses transitional words and phrases to link events, reasons, facts, and opinions within and between paragraphs (e.g., order of importance - least, most).	Phrases, Adjectives, and Adverbs
WRI.5.3.1.2.e	Sequences ideas and uses transitional words and phrases to link events, reasons, facts, and opinions within and between paragraphs (e.g., order of importance - least, most).	Possessive Nouns; Uses of Nouns
WRI.5.3.1.2.f.1	comparisons (e.g., point-by-point)	Contractions
WRI.5.3.1.2.f.1	comparisons (e.g., point-by-point)	Main Verbs
WRI.5.3.1.2.f.1	comparisons (e.g., point-by-point)	Writing, Short Story: Joes Dilemma (2)
WRI.5.3.1.2.f.3	persuasion (e.g., if-then)	Contractions
WRI.5.3.1.2.f.3	persuasion (e.g., if-then)	Essay: Pollution
WRI.5.3.1.2.f.3	persuasion (e.g., if-then)	Essay: Robin Hood
WRI.5.3.1.2.f.3	persuasion (e.g., if-then)	Main Verbs
WRI.5.3.1.2.f.4	narratives (e.g., problem-solution-outcome)	Contractions
WRI.5.3.1.2.f.4	narratives (e.g., problem-solution-outcome)	Essay: Short Story
WRI.5.3.1.2.f.4	narratives (e.g., problem-solution-outcome)	Essay: Spelling Story
WRI.5.3.1.2.f.4	narratives (e.g., problem-solution-outcome)	Main Verbs
WRI.5.3.2.1.a	Writes with a clearly defined voice appropriate to audience (e.g., informal versus formal voice).	Essay: Report
WRI.5.3.2.1.a	Writes with a clearly defined voice appropriate to audience (e.g., informal versus formal voice).	Essay: Report
WRI.5.3.2.1.a	Writes with a clearly defined voice appropriate to audience (e.g., informal versus formal voice).	Project: Preparing a Report
WRI.5.3.2.1.a	Writes with a clearly defined voice appropriate to audience (e.g., informal versus formal voice).	Project: Summary of Dick Whittington
WRI.5.3.2.1.a	Writes with a clearly defined voice appropriate to audience (e.g., informal versus formal voice).	Report: Story Comparison
WRI.5.3.2.1.a	Writes with a clearly defined voice appropriate to audience (e.g., informal versus formal voice).	The Written Report (1)
WRI.5.3.2.1.a	Writes with a clearly defined voice appropriate to audience (e.g., informal versus formal voice).	Writing a Report with Facts and Opinions
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Essay: Pollution
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Essay: Report
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Essay: Report
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Essay: Robin Hood

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WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Essay: Short Story
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Essay: Spelling Story
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Project: Preparing a Report
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Project: Summary of Dick Whittington
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Report: Story Comparison
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	The Written Report (1)
WRI.5.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., a "how to" paper vs. a persuasive piece).	Writing a Report with Facts and Opinions
WRI.5.3.2.2.a	Uses precise language (e.g., powerful verbs, specific descriptors).	Contractions
WRI.5.3.2.2.a	Uses precise language (e.g., powerful verbs, specific descriptors).	Main Verbs
WRI.5.3.2.2.a	Uses precise language (e.g., powerful verbs, specific descriptors).	Using Verbs
WRI.5.3.2.2.b	Uses formal, informal, and specialized language (e.g., photosynthesis, ratio, expedition) appropriate for audience and purpose.	The Written Report (1)
WRI.5.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, rhythm).	Contractions
WRI.5.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, rhythm).	Main Verbs
WRI.5.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, rhythm).	Poetic Ideas and Devices
WRI.5.3.2.2.c	Uses literary and sound devices (e.g., similes, personification, rhythm).	Project: Rhythm
WRI.5.3.2.2.d	Selects words for effect.	Contractions
WRI.5.3.2.2.d	Selects words for effect.	Main Verbs
WRI.5.3.2.3.b	Writes a variety of sentence beginnings (e.g., starts with a participial phrase: "Laughing loudly, they walked down the hall.>").	Contractions
WRI.5.3.2.3.b	Writes a variety of sentence beginnings (e.g., starts with a participial phrase: "Laughing loudly, they walked down the hall.>").	Main Verbs
WRI.5.3.2.3.c	Writes a variety of sentence structures (e.g., "Tran, busy with his homework, didn't hear the telephone at first. Although he wanted to keep working, Tran took the call. He kept it short.>").	Contractions
WRI.5.3.2.3.c	Writes a variety of sentence structures (e.g., "Tran, busy with his homework, didn't hear the telephone at first. Although he wanted to keep working, Tran took the call. He kept it short.>").	Main Verbs

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	Writes a variety of sentence structures (e.g., "Tran, busy with his homework, didn't hear the telephone at first. Although he wanted to keep working, Tran took the call. He kept it short.>").	Writing Better Sentences
WRI.5.3.2.3.c	Writes with a rhythm pattern.	Contractions
WRI.5.3.2.3.d	Writes with a rhythm pattern.	Main Verbs
WRI.5.3.2.3.d	Writes with a rhythm pattern.	Poetry
WRI.5.3.2.3.d	Writes with a rhythm pattern.	Project: Rhythm
WRI.5.3.3.1.a	Maintains consistency in printing or cursive handwriting (e.g., size, spacing, formation, uppercase and lowercase).	Contractions
WRI.5.3.3.1.a	Maintains consistency in printing or cursive handwriting (e.g., size, spacing, formation, uppercase and lowercase).	Essay: Spelling Story
WRI.5.3.3.1.a	Maintains consistency in printing or cursive handwriting (e.g., size, spacing, formation, uppercase and lowercase).	Main Verbs
WRI.5.3.3.1.a	Maintains consistency in printing or cursive handwriting (e.g., size, spacing, formation, uppercase and lowercase).	Writing, Short Story: Joes Dilemma (2)
WRI.5.3.3.2.a	Uses spelling rules and patterns from previous grades.	Contractions
WRI.5.3.3.2.a	Uses spelling rules and patterns from previous grades.	Main Verbs
WRI.5.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Three
WRI.5.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Three
WRI.5.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Lesson Three
WRI.5.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Project: Homonyms
WRI.5.3.3.2.b	Spells high-frequency words correctly.	Contractions
WRI.5.3.3.2.b	Spells high-frequency words correctly.	Main Verbs
WRI.5.3.3.2.b	Spells high-frequency words correctly.	Spelling Lesson Three
WRI.5.3.3.2.b	Spells high-frequency words correctly.	Spelling Lesson Three
WRI.5.3.3.2.b	Spells high-frequency words correctly.	Spelling Project: Homonyms
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Four
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson One
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson One
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson One
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson One
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson One
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.5.3.3.2.c	Uses multiple strategies to spell.	Spelling Project: Homonyms
WRI.5.3.3.2.d.1	Visual patterns (e.g., -ion endings)	Contractions
WRI.5.3.3.2.d.1	Visual patterns (e.g., -ion endings)	Main Verbs
WRI.5.3.3.2.d.1	Visual patterns (e.g., -ion endings)	Spelling Lesson Three
WRI.5.3.3.2.d.1	Visual patterns (e.g., -ion endings)	Spelling Lesson Three
WRI.5.3.3.2.d.1	Visual patterns (e.g., -ion endings)	Spelling Lesson Three
WRI.5.3.3.2.d.1	Visual patterns (e.g., -ion endings)	Spelling Project: Homonyms
WRI.5.3.3.2.d.2	Sound patterns (e.g., easily confused endings -able / -ible, -ant /-ent)	Contractions

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WRI.5.3.3.2.d.2	Sound patterns (e.g., easily confused endings -able / -ible, -ant /-ent)	Main Verbs
WRI.5.3.3.2.d.2	Sound patterns (e.g., easily confused endings -able / -ible, -ant /-ent)	Spelling Lesson Three
WRI.5.3.3.2.d.2	Sound patterns (e.g., easily confused endings -able / -ible, -ant /-ent)	Spelling Lesson Three
WRI.5.3.3.2.d.2	Sound patterns (e.g., easily confused endings -able / -ible, -ant /-ent)	Spelling Lesson Three
WRI.5.3.3.2.d.2	Sound patterns (e.g., easily confused endings -able / -ible, -ant /-ent)	Spelling Project: Homonyms
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Contractions
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Main Verbs
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson One
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson One
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson One
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson Three
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson Three
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson Three
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson Three
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson Two
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Lesson Two
WRI.5.3.3.2.d.3	Affixes (e.g., pre-, in-, un-, -ed, -ing, -graph)	Spelling Project: Homonyms
WRI.5.3.3.2.d.4	Rules (e.g., "i" before "e" rule)	Contractions
WRI.5.3.3.2.d.4	Rules (e.g., "i" before "e" rule)	Main Verbs
WRI.5.3.3.2.d.4	Rules (e.g., "i" before "e" rule)	Spelling Lesson Three
WRI.5.3.3.2.d.4	Rules (e.g., "i" before "e" rule)	Spelling Lesson Three
WRI.5.3.3.2.d.4	Rules (e.g., "i" before "e" rule)	Spelling Lesson Three
WRI.5.3.3.2.d.4	Rules (e.g., "i" before "e" rule)	Spelling Project: Homonyms
WRI.5.3.3.2.e	Self-corrects spelling errors.	Contractions
WRI.5.3.3.2.e	Self-corrects spelling errors.	Main Verbs
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Four
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson One
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson One
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson One
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson One
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Three
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Three
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Three
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Three
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Lesson Two
WRI.5.3.3.2.e	Self-corrects spelling errors.	Spelling Project: Homonyms
WRI.5.3.3.2.f	Develops a personal spelling list.	Contractions
WRI.5.3.3.2.f	Develops a personal spelling list.	Main Verbs
WRI.5.3.3.2.f	Develops a personal spelling list.	Spelling Lesson Three
WRI.5.3.3.2.f	Develops a personal spelling list.	Spelling Lesson Three
WRI.5.3.3.2.f	Develops a personal spelling list.	Spelling Project: Homonyms

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WRI.5.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled.	Contractions
WRI.5.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled.	Main Verbs
WRI.5.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled.	Spelling Lesson One
WRI.5.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled.	Spelling Lesson Three
WRI.5.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled.	Spelling Lesson Three
WRI.5.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled.	Spelling Lesson Two
WRI.5.3.3.2.g	Uses resources to find correct spelling for words identified as misspelled.	Spelling Project: Homonyms
WRI.5.3.3.3.a	Uses capitalization rules from previous grades.	Contractions
WRI.5.3.3.3.a	Uses capitalization rules from previous grades.	Main Verbs
WRI.5.3.3.3.b	Capitalizes brand names (e.g., Nike).	Contractions
WRI.5.3.3.3.b	Capitalizes brand names (e.g., Nike).	Main Verbs
WRI.5.3.3.3.b	Capitalizes brand names (e.g., Nike).	Reviewing Nouns
WRI.5.3.3.3.c	Capitalizes geographic regions (e.g., the West).	Contractions
WRI.5.3.3.3.c	Capitalizes geographic regions (e.g., the West).	Main Verbs
WRI.5.3.3.3.c	Capitalizes geographic regions (e.g., the West).	Reviewing Nouns
WRI.5.3.3.3.d	Uses resources to correct capitalization.	Contractions
WRI.5.3.3.3.d	Uses resources to correct capitalization.	Main Verbs
WRI.5.3.3.4.a	Uses punctuation rules from previous grades.	Contractions
WRI.5.3.3.4.a	Uses punctuation rules from previous grades.	Main Verbs
WRI.5.3.3.4.b	Uses periods in abbreviations (e.g., pg., ft.).	Contractions
WRI.5.3.3.4.b	Uses periods in abbreviations (e.g., pg., ft.).	Main Verbs
WRI.5.3.3.4.c	Uses commas to set off interjections (e.g., Okay, if you say so.) or explanatory phrases (e.g., They stood together, away from the pile of stones in the corner, and their voices were quiet.).	Contractions
WRI.5.3.3.4.c	Uses commas to set off interjections (e.g., Okay, if you say so.) or explanatory phrases (e.g., They stood together, away from the pile of stones in the corner, and their voices were quiet.).	Main Verbs
WRI.5.3.3.4.c	Uses commas to set off interjections (e.g., Okay, if you say so.) or explanatory phrases (e.g., They stood together, away from the pile of stones in the corner, and their voices were quiet.).	Phrases, Adjectives, and Adverbs
WRI.5.3.3.4.c	Uses commas to set off interjections (e.g., Okay, if you say so.) or explanatory phrases (e.g., They stood together, away from the pile of stones in the corner, and their voices were quiet.).	Possessive Nouns; Uses of Nouns
WRI.5.3.3.4.d	Uses comma after date or address within text (e.g., June 1, 1993, was an important day in my life.).	Contractions
WRI.5.3.3.4.d	Uses comma after date or address within text (e.g., June 1, 1993, was an important day in my life.).	Main Verbs
WRI.5.3.3.4.e	Uses quotation marks in dialogue correctly (e.g., "How's it going?" the boy asked.).	Contractions
WRI.5.3.3.4.e	Uses quotation marks in dialogue correctly (e.g., "How's it going?" the boy asked.).	Essay: Dialogue
WRI.5.3.3.4.e	Uses quotation marks in dialogue correctly (e.g., "How's it going?" the boy asked.).	Main Verbs

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WRI.5.3.3.4.e	Uses quotation marks in dialogue correctly (e.g., "How's it going?" the boy asked.).	Mastering Dialogue
WRI.5.3.3.4.e	Uses quotation marks in dialogue correctly (e.g., "How's it going?" the boy asked.).	Project: Making Conversation
WRI.5.3.3.4.e	Uses quotation marks in dialogue correctly (e.g., "How's it going?" the boy asked.).	Types of Sentences
WRI.5.3.3.4.f	Uses hyphen in numbers (e.g., twenty-three).	Compound Words and Hyphens
WRI.5.3.3.4.f	Uses hyphen in numbers (e.g., twenty-three).	Contractions
WRI.5.3.3.4.f	Uses hyphen in numbers (e.g., twenty-three).	Main Verbs
WRI.5.3.3.4.g	Uses hyphen to join numbers (e.g., pages 1-3, The Mariners won, 17-6.).	Compound Words and Hyphens
WRI.5.3.3.4.g	Uses hyphen to join numbers (e.g., pages 1-3, The Mariners won, 17-6.).	Contractions
WRI.5.3.3.4.g	Uses hyphen to join numbers (e.g., pages 1-3, The Mariners won, 17-6.).	Main Verbs
WRI.5.3.3.4.h.1	to show omitted words	Contractions
WRI.5.3.3.4.h.1	to show omitted words	Main Verbs
WRI.5.3.3.4.h.2	to show a pause	Contractions
WRI.5.3.3.4.h.2	to show a pause	Main Verbs
WRI.5.3.3.4.i	Uses semicolon correctly between two independent clauses.	Contractions
WRI.5.3.3.4.i	Uses semicolon correctly between two independent clauses.	Main Verbs
WRI.5.3.3.4.i	Uses semicolon correctly between two independent clauses.	Showing Comparisons with Adverbs
WRI.5.3.3.4.i	Uses semicolon correctly between two independent clauses.	Singular and Plural Nouns
WRI.5.3.3.4.i	Uses semicolon correctly between two independent clauses.	Spelling Lesson One
WRI.5.3.3.4.i	Uses semicolon correctly between two independent clauses.	Subject/Verb Agreement; Contractions
WRI.5.3.3.4.i	Uses semicolon correctly between two independent clauses.	Verb Forms
WRI.5.3.3.5.a	Applies usage rules from previous grades.	Contractions
WRI.5.3.3.5.a	Applies usage rules from previous grades.	Main Verbs
WRI.5.3.3.5.a	Applies usage rules from previous grades.	Showing Comparisons with Adverbs
WRI.5.3.3.5.a	Applies usage rules from previous grades.	Singular and Plural Nouns
WRI.5.3.3.5.a	Applies usage rules from previous grades.	Spelling Lesson One
WRI.5.3.3.5.a	Applies usage rules from previous grades.	Subject/Verb Agreement; Contractions
WRI.5.3.3.5.a	Applies usage rules from previous grades.	Verb Forms
WRI.5.3.3.5.b	Uses subject vs. object pronouns correctly (e.g., I vs. me).	Contractions
WRI.5.3.3.5.b	Uses subject vs. object pronouns correctly (e.g., I vs. me).	Main Verbs
WRI.5.3.3.5.b	Uses subject vs. object pronouns correctly (e.g., I vs. me).	Showing Comparisons with Adverbs
WRI.5.3.3.5.b	Uses subject vs. object pronouns correctly (e.g., I vs. me).	Singular and Plural Nouns
WRI.5.3.3.5.b	Uses subject vs. object pronouns correctly (e.g., I vs. me).	Spelling Lesson One
WRI.5.3.3.5.b	Uses subject vs. object pronouns correctly (e.g., I vs. me).	Subject/Verb Agreement; Contractions
WRI.5.3.3.5.b	Uses subject vs. object pronouns correctly (e.g., I vs. me).	Verb Forms
WRI.5.3.3.5.c	Uses resources to check usage.	Contractions
WRI.5.3.3.5.c	Uses resources to check usage.	Main Verbs

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WRI.5.3.3.5.c	Uses resources to check usage.	Showing Comparisons with Adverbs
WRI.5.3.3.5.c	Uses resources to check usage.	Singular and Plural Nouns
WRI.5.3.3.5.c	Uses resources to check usage.	Spelling Lesson One
WRI.5.3.3.5.c	Uses resources to check usage.	Subject/Verb Agreement; Contractions
WRI.5.3.3.5.c	Uses resources to check usage.	Verb Forms
WRI.5.3.3.6.a	May use fragments in dialogue as appropriate.	Contractions
WRI.5.3.3.6.a	May use fragments in dialogue as appropriate.	Essay: Dialogue
WRI.5.3.3.6.a	May use fragments in dialogue as appropriate.	Main Verbs
WRI.5.3.3.6.a	May use fragments in dialogue as appropriate.	Mastering Dialogue
WRI.5.3.3.6.a	May use fragments in dialogue as appropriate.	Project: Making Conversation
WRI.5.3.3.6.a	May use fragments in dialogue as appropriate.	Types of Sentences
WRI.5.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Project: Seed Ideas
WRI.5.3.3.7.b	Uses new paragraphs to change speakers in dialogue.	Contractions
WRI.5.3.3.7.b	Uses new paragraphs to change speakers in dialogue.	Essay: Dialogue
WRI.5.3.3.7.b	Uses new paragraphs to change speakers in dialogue.	Main Verbs
WRI.5.3.3.7.b	Uses new paragraphs to change speakers in dialogue.	Mastering Dialogue
WRI.5.3.3.7.b	Uses new paragraphs to change speakers in dialogue.	Project: Making Conversation
WRI.5.3.3.7.b	Uses new paragraphs to change speakers in dialogue.	Types of Sentences
WRI.5.3.3.8.a	Cites sources in research using a bibliographic format.	Essay: Report
WRI.5.3.3.8.a	Cites sources in research using a bibliographic format.	Outlines
WRI.5.3.3.8.a	Cites sources in research using a bibliographic format.	Project: Outline
WRI.5.3.3.8.a	Cites sources in research using a bibliographic format.	Project: Outline
WRI.5.3.3.8.a	Cites sources in research using a bibliographic format.	Project: Preparing a Report
WRI.5.3.3.8.a	Cites sources in research using a bibliographic format.	The Written Report (2)
WRI.5.4.1.1.a	Identifies professional authors' styles and techniques (e.g., leads, conclusions, word choice, purpose, character, and plot development).	Poetic Ideas and Devices
WRI.5.4.1.1.a	Identifies professional authors' styles and techniques (e.g., leads, conclusions, word choice, purpose, character, and plot development).	Project: Seed Ideas
WRI.5.4.1.1.a	Identifies professional authors' styles and techniques (e.g., leads, conclusions, word choice, purpose, character, and plot development).	Story Writing
WRI.5.4.1.1.a	Identifies professional authors' styles and techniques (e.g., leads, conclusions, word choice, purpose, character, and plot development).	Writing, Short Story: Joes Dilemma (2)
WRI.5.4.1.1.b	Critiques peers' writing and supports the opinion using established criteria (e.g., content, organization, style, conventions).	Contractions
WRI.5.4.1.1.b	Critiques peers' writing and supports the opinion using established criteria (e.g., content, organization, style, conventions).	Main Verbs
WRI.5.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., in science - looking for conclusions drawn from data).	Contractions
WRI.5.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., in science - looking for conclusions drawn from data).	Main Verbs

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WRI.5.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., in science - looking for conclusions drawn from data).	Sentence Patterns; Appropriate Words
WRI.5.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., WASL rubric and anchor papers, checklists, 6-trait scoring guides).	Contractions
WRI.5.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., WASL rubric and anchor papers, checklists, 6-trait scoring guides).	Main Verbs
WRI.5.4.1.2.b	Uses criteria to choose and defend choices for a writing portfolio.	Essay: Dialogue
WRI.5.4.1.2.b	Uses criteria to choose and defend choices for a writing portfolio.	Essay: Personal Reaction
WRI.5.4.1.2.b	Uses criteria to choose and defend choices for a writing portfolio.	Essay: Short Story
WRI.5.4.1.2.b	Uses criteria to choose and defend choices for a writing portfolio.	Project: Book Report -- Nonfiction
WRI.5.4.1.2.b	Uses criteria to choose and defend choices for a writing portfolio.	Project: Composition Folder
WRI.5.4.1.2.b	Uses criteria to choose and defend choices for a writing portfolio.	Project: Poetry Book
WRI.5.4.1.2.b	Uses criteria to choose and defend choices for a writing portfolio.	Project: Poetry Project
WRI.5.4.1.2.c	Provides evidence that goals have been met (e.g., "My sentence fluency has improved because I now vary the beginnings of my sentences.").	Contractions
WRI.5.4.1.2.c	Provides evidence that goals have been met (e.g., "My sentence fluency has improved because I now vary the beginnings of my sentences.").	Main Verbs
WRI.5.4.2.1.a	Writes reflection about growth in writing and creates an improvement plan (e.g., "My introductions are getting better, but I need to learn about different kinds of conclusions.").	Contractions
WRI.5.4.2.1.a	Writes reflection about growth in writing and creates an improvement plan (e.g., "My introductions are getting better, but I need to learn about different kinds of conclusions.").	Main Verbs
WRI.5.4.2.1.a	Writes reflection about growth in writing and creates an improvement plan (e.g., "My introductions are getting better, but I need to learn about different kinds of conclusions.").	Project: Free Verse Poem
WRI.5.4.2.1.b	Evaluates own use of writing process and sets goals (e.g., "After I brainstorm, I need to organize my ideas so my writing flows in a logical order.").	Contractions
WRI.5.4.2.1.b	Evaluates own use of writing process and sets goals (e.g., "After I brainstorm, I need to organize my ideas so my writing flows in a logical order.").	Main Verbs
WRI.5.4.2.1.c	Maintains a written log of goals.	Contractions
WRI.5.4.2.1.c	Maintains a written log of goals.	Main Verbs
Subject:	Communication	
Grade:	Grade 3	
Grade:	Grade 4	
Grade:	Grade 5	
Section	Description	Lesson Title

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COM.5.1.1.1.b	Responds to verbal and nonverbal cues associated with the situation. (e.g., classroom routine and/or teacher/peer interaction).	Spelling Lesson Three
COM.5.1.1.1.d	Uses strategies for enjoyment listening, active listening, and critical listening when appropriate and empathetic listening with teacher support.	Spelling Lesson Two
COM.5.1.1.2.a	Paraphrases information by stating in own words (revising).	Spelling Lesson Three
COM.5.1.1.2.e	Explains visual information gained through observation required in content areas (e.g., Visual Art: creates drawing to reflect personal understanding or feeling evoked from artwork).	Project: Advertisements and Persuasion
COM.5.1.2.1.c	Draws conclusions from auditory and visual information in content areas (e.g., Social Studies: "Paul Revere's illustration of the Boston Massacre was drawn in a way to make the colonists upset with British rule.").	Project: Advertisements and Persuasion
COM.5.1.2.1.d	Summarizes stories, information, and videos with teacher assistance (e.g., Math: summarizes a mathematical situation before trying to solve it; Theater: summarizes the plot of a school play).	Spelling Lesson Two
COM.5.1.2.2.a	Identifies and explains examples of persuasion (e.g., bandwagon, peer pressure, testimonials/endorsements) used in mass media (e.g., advertisements in magazines, radio, television, product displays, newspaper, and advergames on the Internet).	Project: Advertisements and Persuasion
COM.5.2.1.1.d	Adjusts language register to the situation (e.g., formal register is used when giving a presentation, followed by questions and answers using a consultative register).	Spelling Lesson Three
COM.5.2.2.1.a	Expresses one's self and uses cues for taking turns so that everyone has a chance to speak (e.g., a pause may be a cue for taking turns; the length of the pause may vary between children).	Spelling Lesson Three
COM.5.2.2.1.b	Expresses support by identifying and acknowledging different points of view (e.g., "Rita, I hear you saying...", "I know what you mean, that's an interesting idea.").	Spelling Lesson Three
COM.5.2.2.2.b	Facilitates group progress by suggesting solutions, checking for group understanding, and initiating action. (e.g., brainstorming, problem solving, compromising).	Spelling Lesson Three
COM.5.2.3.1.c	Identifies one's own perspective on a given topic or idea (e.g., Social Studies; "I think the American Revolution was important because it gave us our freedom."; "I think the American Revolution harmed the native people because we lost more of our land and culture.").	Spelling Lesson Three
COM.5.2.3.2.a	Uses flexibility in adjusting to cultural dissimilarities (e.g., suspends judgment, responds with respect).	Spelling Lesson Three
COM.5.3.1.1.a	Plans a presentation for a specific purpose (e.g., to entertain, inform, explain, or persuade).	Essay: Descriptive Story
COM.5.3.1.1.a	Plans a presentation for a specific purpose (e.g., to entertain, inform, explain, or persuade).	Project: Book Report -- Nonfiction
COM.5.3.1.1.b	Selects the most relevant information from multiple resources to appeal to the interest and background knowledge of the audience.	Outlines

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COM.5.3.1.1.b	Selects the most relevant information from multiple resources to appeal to the interest and background knowledge of the audience.	Project: Outline
COM.5.3.1.1.b	Selects the most relevant information from multiple resources to appeal to the interest and background knowledge of the audience.	Project: Outline
COM.5.3.1.1.b	Selects the most relevant information from multiple resources to appeal to the interest and background knowledge of the audience.	The Written Report (1)
COM.5.3.1.1.b	Selects the most relevant information from multiple resources to appeal to the interest and background knowledge of the audience.	The Written Report (2)
COM.5.3.1.1.c	Gives credit to the source for selected information.	Spelling Lesson Three
COM.5.3.1.1.d	Uses tools (e.g., template for a simple outline, graphic organizers, note cards) to organize information in a logical sequence (e.g., in order of importance) using smooth transitions.	Outlines
COM.5.3.1.1.d	Uses tools (e.g., template for a simple outline, graphic organizers, note cards) to organize information in a logical sequence (e.g., in order of importance) using smooth transitions.	Project: Outline
COM.5.3.1.1.d	Uses tools (e.g., template for a simple outline, graphic organizers, note cards) to organize information in a logical sequence (e.g., in order of importance) using smooth transitions.	Project: Outline
COM.5.3.1.1.d	Uses tools (e.g., template for a simple outline, graphic organizers, note cards) to organize information in a logical sequence (e.g., in order of importance) using smooth transitions.	The Written Report (2)
COM.5.3.2.1.a	Uses visual aids (e.g., illustrations, photos, bar and circle graphs, histograms, charts, tables, maps).	Spelling Lesson Three
COM.5.3.3.1.b	Adjusts volume to engage the audience (e.g., lowers and raises voice for interest).	Spelling Lesson Three
COM.5.3.3.1.c	Uses adult grammar and syntax appropriate to grade level.	Spelling Lesson Three
COM.5.3.3.1.d	Uses appropriate language registers with teacher guidance (e.g., casual versus formal: peer-to-peer, small group versus large group).	Spelling Lesson Three
COM.5.3.3.1.d	Uses appropriate language registers with teacher guidance (e.g., casual versus formal: peer-to-peer, small group versus large group).	Spelling Lesson Two
COM.5.3.3.1.e	Uses comparisons, storytelling, and analogies to explain ideas.	Spelling Lesson Three
COM.5.4.1.1.b	Examines own communication (group work or presentation types) using criteria (e.g., rubrics, checklists specific to type of communication, content scoring guides).	Sentence Patterns; Appropriate Words
COM.5.4.2.1.b	Monitors progress toward implementing the plan, making adjustments and corrections as needed.	Spelling Lesson Three
Subject:	Reading	
Grade:	Grade 3	
Grade:	Grade 4	
Grade:	Grade 5	
Section	Description	Lesson Title

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READ.5.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	Spelling Lesson Three
READ.5.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	Vocabulary Study
READ.5.1.2.1.b	Use text evidence to verify dictionary or glossary meaning.	Vocabulary Study
READ.5.1.2.2.a	Use word origins to determine the meaning of unknown words.	Contractions
READ.5.1.2.2.a	Use word origins to determine the meaning of unknown words.	Language Confusion; Anglo-Saxon
READ.5.1.2.2.a	Use word origins to determine the meaning of unknown words.	Spelling Lesson Three
READ.5.1.2.2.a	Use word origins to determine the meaning of unknown words.	Subject/Verb Agreement; Contractions
READ.5.1.2.2.b	Use abstract, derived root words, prefixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., collide, collision).	Language Confusion; Anglo-Saxon
READ.5.1.2.2.b	Use abstract, derived root words, prefixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., collide, collision).	Prefixes and Suffixes
READ.5.1.2.2.b	Use abstract, derived root words, prefixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., collide, collision).	Spelling Lesson One
READ.5.1.2.2.b	Use abstract, derived root words, prefixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., collide, collision).	Spelling Lesson Three
READ.5.1.2.2.b	Use abstract, derived root words, prefixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., collide, collision).	Spelling Lesson Three
READ.5.1.2.2.b	Use abstract, derived root words, prefixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., collide, collision).	Spelling Lesson Two
READ.5.1.2.2.b	Use abstract, derived root words, prefixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., collide, collision).	Spelling Lesson Two
READ.5.1.2.2.c	Use structural analysis and concept-building vocabulary strategies to understand new words and concepts in informational/expository text and literary/narrative text.	Compound Words and Hyphens
READ.5.1.2.2.c	Use structural analysis and concept-building vocabulary strategies to understand new words and concepts in informational/expository text and literary/narrative text.	Contractions
READ.5.1.2.2.c	Use structural analysis and concept-building vocabulary strategies to understand new words and concepts in informational/expository text and literary/narrative text.	Homonyms, Idioms, and Abbreviations
READ.5.1.2.2.c	Use structural analysis and concept-building vocabulary strategies to understand new words and concepts in informational/expository text and literary/narrative text.	Middle and Modern English
READ.5.1.2.2.c	Use structural analysis and concept-building vocabulary strategies to understand new words and concepts in informational/expository text and literary/narrative text.	Vocabulary Practice

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READ.5.1.2.2.d	Use prior knowledge, the text, context clues, and graphic features of text to predict, clarify, and/or expand word meanings and concepts.	Reading Skills
READ.5.1.2.2.d	Use prior knowledge, the text, context clues, and graphic features of text to predict, clarify, and/or expand word meanings and concepts.	Vocabulary Practice
READ.5.1.2.2.d	Use prior knowledge, the text, context clues, and graphic features of text to predict, clarify, and/or expand word meanings and concepts.	Word and Sentence Study
READ.5.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning of unknown words in informational/expository text and literary/narrative text.	Contractions
READ.5.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning of unknown words in informational/expository text and literary/narrative text.	Subject/Verb Agreement; Contractions
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Contractions
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Essay: Writing a Summary
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Main Verbs
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Noun Substitutes
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Project: Rhythm
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Sentence Patterns; Appropriate Words
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Spelling Lesson Four
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Spelling Lesson One
READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Spelling Lesson Three

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READ.5.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Vocabulary Practice
READ.5.1.3.2.a	Identify and define content area vocabulary critical to the meaning of the text and use that knowledge to interpret the text.	Vocabulary Practice
READ.5.1.3.2.a	Identify and define content area vocabulary critical to the meaning of the text and use that knowledge to interpret the text.	Word and Sentence Study
READ.5.1.3.2.b	Identify words that have different meanings in different content areas and determine the correct meaning from the context (e.g., property in science and social studies).	Word and Sentence Study
READ.5.1.3.2.c	Select, from multiple choices, the meaning of words necessary to understand content area text.	Vocabulary Practice
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Contractions
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Essay: Writing a Summary
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Main Verbs
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Noun Substitutes
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Project: Rhythm
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Sentence Patterns; Appropriate Words
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson Four
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson One
READ.5.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson Three
READ.5.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Essay: Short Story
READ.5.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Project: Finding the Topic
READ.5.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Project: Instructional Manual
READ.5.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Project: Pen Pictures and Couplets
READ.5.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Project: Preparing a Report
READ.5.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 125-135+ words correct per minute.	Essay: Short Story
READ.5.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 125-135+ words correct per minute.	Project: Pen Pictures and Couplets
READ.5.1.4.3.a	Adjust reading rate to match difficulty and type of text and the purposes for reading (e.g., skimming for facts, scanning for key words, and close/careful reading for understanding new or complex ideas).	A Story About Old England
READ.5.1.4.3.a	Adjust reading rate to match difficulty and type of text and the purposes for reading (e.g., skimming for facts, scanning for key words, and close/careful reading for understanding new or complex ideas).	Improving Reading Fluency and Study Skills

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READ.5.1.4.3.a	Adjust reading rate to match difficulty and type of text and the purposes for reading (e.g., skimming for facts, scanning for key words, and close/careful reading for understanding new or complex ideas).	Reading Skills
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Comprehension
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Essay: Writing a Summary
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	From GULLIVER'S TRAVELS
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Homonyms, Idioms, and Abbreviations
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Main Ideas and Supporting Details
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Main Ideas and Supporting Details
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Middle and Modern English
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Reading Comprehension
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Reading Nonfiction
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Reading a Story
READ.5.2.1.3.a	State the main idea of a passage and provide several text-based details supporting it.	Short Story: Joe's Dilemma
READ.5.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Essay: Writing a Summary
READ.5.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Judging the Value of a Story
READ.5.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Project: Summary of Dick Whittington
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Comprehension
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Essay: Writing a Summary
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	From GULLIVER'S TRAVELS
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Judging the Value of a Story
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Main Ideas and Supporting Details
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Main Ideas and Supporting Details
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Project: Summary of Dick Whittington
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading Comprehension
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading Nonfiction
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading a Story
READ.5.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Short Story: Joe's Dilemma

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READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Comprehension
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Essay: Writing a Summary
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	From GULLIVER'S TRAVELS
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Main Ideas and Supporting Details
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Main Ideas and Supporting Details
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Reading Comprehension
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Reading Nonfiction
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Reading Skills
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Reading a Story
READ.5.2.1.3.e	Organize main ideas and supporting details in a graphic organizer to enhance comprehension.	Short Story: Joe's Dilemma
READ.5.2.1.4.b	Activate prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Homonyms, Idioms, and Abbreviations
READ.5.2.1.4.b	Activate prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Middle and Modern English
READ.5.2.1.4.b	Activate prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Project: Preparing a Report
READ.5.2.1.4.b	Activate prior knowledge about a topic and organize information into a graphic organizer to aid in comprehension of text.	Reading Skills
READ.5.2.1.5.a	Make, confirm, and revise prediction based on prior knowledge and evidence from the text.	A Story About Old England
READ.5.2.1.5.b	Cite passages from text to confirm or defend predictions and inferences.	A Story About Old England
READ.5.2.1.5.b	Cite passages from text to confirm or defend predictions and inferences.	Judgments, Inferences, Facts, and Opinions
READ.5.2.1.5.b	Cite passages from text to confirm or defend predictions and inferences.	Reading Comprehension
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	A Story About Old England
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Judgments, Inferences, Facts, and Opinions
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Literature

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READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Poetry
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Project: Book Report -- Fiction
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Project: Book Report -- Poetry
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Project: Free Verse Poem
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Project: Pen Pictures and Couplets
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Reading Comprehension
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Reading Story Poems
READ.5.2.1.5.c	Select, from multiple choices, a prediction, or inference from literary/narrative text (e.g., how a poet or author feels, how a character feels, what a character will do, what is likely to happen next or at the end of the story or poem).	Reviewing Literary Forms
READ.5.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	A Story About Old England
READ.5.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Judgments, Inferences, Facts, and Opinions
READ.5.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Project: Finding the Topic
READ.5.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Project: Instructional Manual
READ.5.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	Reading Comprehension
READ.5.2.1.5.d	Select, from multiple choices, a prediction or inference from informational/expository text (e.g., what is likely to happen, or what will happen next).	The Author's Message
READ.5.2.1.5.e	Organize information to support a prediction or inference in a graphic organizer.	A Story About Old England
READ.5.2.1.5.e	Organize information to support a prediction or inference in a graphic organizer.	Judgments, Inferences, Facts, and Opinions

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READ.5.2.1.5.e	Organize information to support a prediction or inference in a graphic organizer.	Project: Preparing a Report
READ.5.2.1.5.e	Organize information to support a prediction or inference in a graphic organizer.	Reading Comprehension
READ.5.2.1.5.e	Organize information to support a prediction or inference in a graphic organizer.	Reading Skills
READ.5.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Homonyms, Idioms, and Abbreviations
READ.5.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Middle and Modern English
READ.5.2.1.6.b	Generate and answer questions about the text before, during, and after reading to aid comprehension.	Homonyms, Idioms, and Abbreviations
READ.5.2.1.6.b	Generate and answer questions about the text before, during, and after reading to aid comprehension.	Middle and Modern English
READ.5.2.1.6.d	Draw, write about, or verbally describe the mental images that occur while reading.	Contractions
READ.5.2.1.6.d	Draw, write about, or verbally describe the mental images that occur while reading.	Essay: Writing a Summary
READ.5.2.1.6.d	Draw, write about, or verbally describe the mental images that occur while reading.	Main Verbs
READ.5.2.1.6.d	Draw, write about, or verbally describe the mental images that occur while reading.	Noun Substitutes
READ.5.2.1.6.d	Draw, write about, or verbally describe the mental images that occur while reading.	Project: Rhythm
READ.5.2.1.6.d	Draw, write about, or verbally describe the mental images that occur while reading.	Spelling Lesson Four
READ.5.2.1.6.d	Draw, write about, or verbally describe the mental images that occur while reading.	Spelling Lesson One
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	Homonyms, Idioms, and Abbreviations
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	Middle and Modern English
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	Outlines
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	Project: Outline
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	Project: Outline
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	Project: Preparing a Report
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	Reading Skills
READ.5.2.1.6.e	Organize information in a graphic organizer that is appropriate to the text and purpose for reading in order to organize information and comprehend text.	The Written Report (2)

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READ.5.2.1.6.f	Use pre-, during, and after-reading tools designed to activate and record prior knowledge to understand text (e.g., prediction guides, KWL charts, DRTA).	Homonyms, Idioms, and Abbreviations
READ.5.2.1.6.f	Use pre-, during, and after-reading tools designed to activate and record prior knowledge to understand text (e.g., prediction guides, KWL charts, DRTA).	Middle and Modern English
READ.5.2.1.6.f	Use pre-, during, and after-reading tools designed to activate and record prior knowledge to understand text (e.g., prediction guides, KWL charts, DRTA).	The Author's Message
READ.5.2.1.7.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text (e.g., newspaper or magazine articles).	Essay: Writing a Summary
READ.5.2.1.7.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text (e.g., newspaper or magazine articles).	Project: Finding the Topic
READ.5.2.1.7.b	Summarize the plot/message in culturally relevant literary/narrative texts.	Reading Comprehension
READ.5.2.1.7.b	Summarize the plot/message in culturally relevant literary/narrative texts.	Short Story: Joe's Dilemma
READ.5.2.1.7.d	Organize information using a graphic organizer appropriate for summarizing informational/expository text and literary/narrative text.	Project: Preparing a Report
READ.5.2.1.7.d	Organize information using a graphic organizer appropriate for summarizing informational/expository text and literary/narrative text.	Reading Skills
READ.5.2.2.1.a	Explain the use of flashbacks to convey meaning in literary/narrative text.	Project: Making Conversation
READ.5.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., how a bill becomes law, stages in the colonization of early America).	Homonyms, Idioms, and Abbreviations
READ.5.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., how a bill becomes law, stages in the colonization of early America).	Middle and Modern English
READ.5.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., how a bill becomes law, stages in the colonization of early America).	Project: Finding the Topic
READ.5.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., how a bill becomes law, stages in the colonization of early America).	Project: Instructional Manual
READ.5.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., how a bill becomes law, stages in the colonization of early America).	Project: Preparing a Report
READ.5.2.2.2.c	Use organizational features and electronic sources (such as headings and numberings, CD-ROM, Internet, pulldown menus, key word searches, and icons) to access information.	Project: Preparing a Report
READ.5.2.2.3.b	Identify the major actions that define the plot and how actions lead to conflict or resolution.	Reading Comprehension
READ.5.2.2.3.b	Identify the major actions that define the plot and how actions lead to conflict or resolution.	Short Story: Joe's Dilemma
READ.5.2.2.3.c	Explain the influence of setting on character and plot.	Reading Comprehension

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READ.5.2.2.3.d	Identify the narrator and explain which point of view is used in the text.	Project: Making Conversation
READ.5.2.2.3.e	Explain how a story would change if a different character narrated it.	Judging the Value of a Story
READ.5.2.2.3.e	Explain how a story would change if a different character narrated it.	Literature
READ.5.2.2.3.e	Explain how a story would change if a different character narrated it.	Reading Comprehension
READ.5.2.2.3.e	Explain how a story would change if a different character narrated it.	Reading a Story
READ.5.2.2.3.e	Explain how a story would change if a different character narrated it.	Short Story: Joe's Dilemma
READ.5.2.2.3.f	Identify the stated theme/message in text and support with evidence from the text.	Judging the Value of a Story
READ.5.2.2.3.f	Identify the stated theme/message in text and support with evidence from the text.	Project: Summary of Dick Whittington
READ.5.2.2.3.g	Identify common recurring themes/messages in books by the same author.	Judging the Value of a Story
READ.5.2.2.3.g	Identify common recurring themes/messages in books by the same author.	Poetic Ideas and Devices
READ.5.2.2.3.g	Identify common recurring themes/messages in books by the same author.	Project: Summary of Dick Whittington
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Judging the Value of a Story
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Literature
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Poetry
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Project: Book Report -- Poetry
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Project: Free Verse Poem
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Project: Pen Pictures and Couplets
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Reading Comprehension
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Reading Story Poems
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Reading a Story
READ.5.2.2.3.h	Select, from multiple choices, words or selections that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Short Story: Joe's Dilemma

Alignment Report for Language Arts 500
Washington - Language Arts - Grades 3-5

READ.5.2.2.4.a	Recognize and use previously learned text organizational structures (simple listing, sequential order, description, compare and contrast, chronological order) to aid comprehension.	Homonyms, Idioms, and Abbreviations
READ.5.2.2.4.a	Recognize and use previously learned text organizational structures (simple listing, sequential order, description, compare and contrast, chronological order) to aid comprehension.	Middle and Modern English
READ.5.2.2.4.a	Recognize and use previously learned text organizational structures (simple listing, sequential order, description, compare and contrast, chronological order) to aid comprehension.	Reading Skills
READ.5.2.2.4.b	Identify and use text written in the text organizational structures of cause and effect and order of importance to find and organize information and comprehend text.	Abused Language
READ.5.2.2.4.b	Identify and use text written in the text organizational structures of cause and effect and order of importance to find and organize information and comprehend text.	Cause and Effect
READ.5.2.2.4.b	Identify and use text written in the text organizational structures of cause and effect and order of importance to find and organize information and comprehend text.	From GULLIVER'S TRAVELS
READ.5.2.2.4.b	Identify and use text written in the text organizational structures of cause and effect and order of importance to find and organize information and comprehend text.	Homonyms, Idioms, and Abbreviations
READ.5.2.2.4.b	Identify and use text written in the text organizational structures of cause and effect and order of importance to find and organize information and comprehend text.	Middle and Modern English
READ.5.2.2.4.b	Identify and use text written in the text organizational structures of cause and effect and order of importance to find and organize information and comprehend text.	Reading Comprehension
READ.5.2.2.4.c	Differentiate between text organizational structures of informational/expository text and literary/narrative text.	Literature
READ.5.2.2.4.c	Differentiate between text organizational structures of informational/expository text and literary/narrative text.	Project: Book Report -- Fiction
READ.5.2.2.4.c	Differentiate between text organizational structures of informational/expository text and literary/narrative text.	Project: Finding the Topic
READ.5.2.2.4.c	Differentiate between text organizational structures of informational/expository text and literary/narrative text.	Project: Instructional Manual
READ.5.2.2.4.c	Differentiate between text organizational structures of informational/expository text and literary/narrative text.	Reviewing Literary Forms
READ.5.2.3.1.a	Find similarities and differences within and between texts using text-based evidence (e.g., facts and opinion in newspaper vs. poetry; authors' points of view in different works).	Homonyms, Idioms, and Abbreviations
READ.5.2.3.1.a	Find similarities and differences within and between texts using text-based evidence (e.g., facts and opinion in newspaper vs. poetry; authors' points of view in different works).	Middle and Modern English
READ.5.2.3.1.b	Identify and interpret cause and effect relationships within a text using evidence from the text (e.g., how the transcontinental railroad influenced the development of the West).	Abused Language

Alignment Report for Language Arts 500
Washington - Language Arts - Grades 3-5

READ.5.2.3.1.b	Identify and interpret cause and effect relationships within a text using evidence from the text (e.g., how the transcontinental railroad influenced the development of the West).	Cause and Effect
READ.5.2.3.1.b	Identify and interpret cause and effect relationships within a text using evidence from the text (e.g., how the transcontinental railroad influenced the development of the West).	From GULLIVER'S TRAVELS
READ.5.2.3.1.b	Identify and interpret cause and effect relationships within a text using evidence from the text (e.g., how the transcontinental railroad influenced the development of the West).	Reading Comprehension
READ.5.2.3.1.d	Select, from multiple choices, a sentence that explains or describes cause and effect relationships (e.g., what caused something to happen, what was the result of an action).	Abused Language
READ.5.2.3.1.d	Select, from multiple choices, a sentence that explains or describes cause and effect relationships (e.g., what caused something to happen, what was the result of an action).	Cause and Effect
READ.5.2.3.1.d	Select, from multiple choices, a sentence that explains or describes cause and effect relationships (e.g., what caused something to happen, what was the result of an action).	From GULLIVER'S TRAVELS
READ.5.2.3.1.d	Select, from multiple choices, a sentence that explains or describes cause and effect relationships (e.g., what caused something to happen, what was the result of an action).	Reading Comprehension
READ.5.2.3.2.a	Select appropriate resources such as an atlas, newspaper, magazine, memos, directories, and/or schedules, to locate information on a specific topic or for a specific purpose.	The Written Report (1)
READ.5.2.3.2.b	Sort information gathered from various sources by topic and judge the utility of the information for a specific purpose.	Project: Preparing a Report
READ.5.2.3.3.a	Recognize previously learned literary devices and explain how they make the story more interesting.	Poetic Forms
READ.5.2.4.2.a	Identify and explain the author's purpose (e.g., entertain, inform, explain, persuade).	Language Confusion; Anglo-Saxon
READ.5.2.4.2.a	Identify and explain the author's purpose (e.g., entertain, inform, explain, persuade).	Reading Comprehension
READ.5.2.4.2.b	Identify and explain how author's use of word choice, sentence structure and length, and/or literary devices influences an audience.	Poetic Ideas and Devices
READ.5.2.4.3.a	Distinguish between fact and opinion and provide supporting evidence from the text.	Judgments, Inferences, Facts, and Opinions
READ.5.2.4.3.a	Distinguish between fact and opinion and provide supporting evidence from the text.	Main Ideas and Supporting Details
READ.5.2.4.3.a	Distinguish between fact and opinion and provide supporting evidence from the text.	Reading Comprehension
READ.5.2.4.3.a	Distinguish between fact and opinion and provide supporting evidence from the text.	Short Story: Joe's Dilemma
READ.5.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Judgments, Inferences, Facts, and Opinions

Alignment Report for Language Arts 500
Washington - Language Arts - Grades 3-5

READ.5.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Main Ideas and Supporting Details
READ.5.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Reading Comprehension
READ.5.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Reading Humorous Poems
READ.5.2.4.3.b	Select, from multiple choices, a statement that is a fact or an opinion.	Short Story: Joe's Dilemma
READ.5.2.4.4.a	Identify the author's target audience(s) and cite examples of details and/or arguments that appeal to that audience.	Essay: Writing a Summary
READ.5.2.4.4.b	Interpret the author's tone and support the answer with text-based evidence.	Reading Humorous Poems
READ.5.2.4.4.c	Cite and explain examples of author's use of persuasive devices and propaganda techniques (e.g., bandwagon, peer pressure, repetition, testimonials/endorsements).	Abused Language
READ.5.2.4.4.c	Cite and explain examples of author's use of persuasive devices and propaganda techniques (e.g., bandwagon, peer pressure, repetition, testimonials/endorsements).	Project: Advertisements and Persuasion
READ.5.2.4.5.b	Explain how information in a text could be used to solve a problem and cite text-based examples (e.g., use information from an article about when fruits and vegetables are in season to save money at the grocery store).	Project: Finding the Topic
READ.5.2.4.5.b	Explain how information in a text could be used to solve a problem and cite text-based examples (e.g., use information from an article about when fruits and vegetables are in season to save money at the grocery store).	Project: Instructional Manual
READ.5.2.4.5.b	Explain how information in a text could be used to solve a problem and cite text-based examples (e.g., use information from an article about when fruits and vegetables are in season to save money at the grocery store).	Project: Preparing a Report
READ.5.2.4.6.a	Explain an idea and/or concept, which occurs in multiple texts (e.g., bravery, misused power).	Aesop and Fables
READ.5.3.1.1.a	Locate, select, and use a variety of library and Internet materials appropriate to a task or best suited to investigate a topic.	Outlines
READ.5.3.1.1.a	Locate, select, and use a variety of library and Internet materials appropriate to a task or best suited to investigate a topic.	Project: Outline
READ.5.3.1.1.a	Locate, select, and use a variety of library and Internet materials appropriate to a task or best suited to investigate a topic.	Project: Outline
READ.5.3.1.1.a	Locate, select, and use a variety of library and Internet materials appropriate to a task or best suited to investigate a topic.	Project: Preparing a Report
READ.5.3.1.1.a	Locate, select, and use a variety of library and Internet materials appropriate to a task or best suited to investigate a topic.	The Written Report (1)
READ.5.3.1.1.a	Locate, select, and use a variety of library and Internet materials appropriate to a task or best suited to investigate a topic.	The Written Report (2)

Alignment Report for Language Arts 500
Washington - Language Arts - Grades 3-5

READ.5.3.1.1.b	Follow multi-step written directions (e.g., explain the process for becoming a U.S. citizen, follow a recipe, build a model, complete a project).	Homonyms, Idioms, and Abbreviations
READ.5.3.1.1.b	Follow multi-step written directions (e.g., explain the process for becoming a U.S. citizen, follow a recipe, build a model, complete a project).	Middle and Modern English
READ.5.3.1.1.b	Follow multi-step written directions (e.g., explain the process for becoming a U.S. citizen, follow a recipe, build a model, complete a project).	Project: Instructional Manual
READ.5.3.4.2.a	Examine and explain the characteristics of genres.	Aesop and Fables
READ.5.3.4.2.a	Examine and explain the characteristics of genres.	Enjoying Poetry
READ.5.3.4.2.a	Examine and explain the characteristics of genres.	Parts of Speech
READ.5.3.4.2.a	Examine and explain the characteristics of genres.	Project: Fables
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Aesop and Fables
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Enjoying Poetry
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Essay: Land of Lilliput
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Essay: Personal Reaction
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	From GULLIVER'S TRAVELS
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Judging the Value of a Story
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Project: Book Report -- Biography
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Project: Book Report -- Fiction
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Project: Book Report -- Historical Fiction
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Project: Book Report -- Nonfiction

**Alignment Report for Language Arts 500
Washington - Language Arts - Grades 3-5**

READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Project: Book Report -- Poetry
READ.5.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast literary/narrative elements in texts written in different genres).	Project: Fables
READ.5.3.4.3.b	Identify and discuss recurring themes in literature (e.g., friendship, conflict).	Aesop and Fables
READ.5.3.4.3.b	Identify and discuss recurring themes in literature (e.g., friendship, conflict).	Good Communication
READ.5.3.4.3.b	Identify and discuss recurring themes in literature (e.g., friendship, conflict).	Judging the Value of a Story
READ.5.3.4.3.b	Identify and discuss recurring themes in literature (e.g., friendship, conflict).	Project: Summary of Dick Whittington

Alignment Report for English II**Washington - Language Arts - Grades 6-8**

State: Washington
Standard: Grade Level Expectations
Subject: Reading
Grade: Grade 6
Grade: Grade 7
Grade: Grade 8

Section	Description	Lesson Title
READ.8.1.2.2.a	Use word origins to determine the meaning of unknown words.	Language in Motion: Vocabulary

**Alignment Report for Language Arts 600
Washington - Language Arts - Grades 6-8**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Writing
Grade:	Grade 6

Section	Description	Lesson Title
WRI.6.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., brainstorms a list, selects relevant ideas/details to include in piece of writing).	Project: Fish Story
WRI.6.1.1.1.b	Maintains a journal or an electronic log to collect and explore ideas; records observations, dialogue, and/or description for later use as a basis for informational or literary writing.	Essay: The President's Thoughts
WRI.6.1.1.1.b	Maintains a journal or an electronic log to collect and explore ideas; records observations, dialogue, and/or description for later use as a basis for informational or literary writing.	Project: Fish Story
WRI.6.1.1.1.b	Maintains a journal or an electronic log to collect and explore ideas; records observations, dialogue, and/or description for later use as a basis for informational or literary writing.	Project: News Story
WRI.6.1.1.1.b	Maintains a journal or an electronic log to collect and explore ideas; records observations, dialogue, and/or description for later use as a basis for informational or literary writing.	Project: Newspaper
WRI.6.1.1.1.c	Uses a variety of prewriting strategies (e.g., story mapping, listing, webbing, jotting, outlining, free writing, brainstorming).	Essay: Sheepherding
WRI.6.1.1.1.c	Uses a variety of prewriting strategies (e.g., story mapping, listing, webbing, jotting, outlining, free writing, brainstorming).	Outlining
WRI.6.1.1.1.c	Uses a variety of prewriting strategies (e.g., story mapping, listing, webbing, jotting, outlining, free writing, brainstorming).	Project: Outline
WRI.6.1.1.1.c	Uses a variety of prewriting strategies (e.g., story mapping, listing, webbing, jotting, outlining, free writing, brainstorming).	Project: Outline
WRI.6.1.1.1.d	Gathers information from a range of resources and uses an organizer to analyze, synthesize, and/or evaluate information to plan writing.	Project: News Story
WRI.6.1.1.1.d	Gathers information from a range of resources and uses an organizer to analyze, synthesize, and/or evaluate information to plan writing.	Project: Newspaper
WRI.6.1.1.1.d	Gathers information from a range of resources and uses an organizer to analyze, synthesize, and/or evaluate information to plan writing.	Report Writing: Preparation
WRI.6.1.2.1.a	Refers to prewriting plan.	Project: Fish Story
WRI.6.1.2.1.b	Drafts by hand and/or electronically.	Essay: Final Report
WRI.6.1.2.1.b	Drafts by hand and/or electronically.	Essay: Short Story
WRI.6.1.2.1.b	Drafts by hand and/or electronically.	Project: Fish Story
WRI.6.1.2.1.b	Drafts by hand and/or electronically.	Writing the Report
WRI.6.1.2.1.c	Rereads text and continues drafting over time.	Essay: Final Report
WRI.6.1.2.1.c	Rereads text and continues drafting over time.	Essay: Short Story
WRI.6.1.2.1.c	Rereads text and continues drafting over time.	Writing the Report

Alignment Report for Language Arts 600
Washington - Language Arts - Grades 6-8

WRI.6.1.2.1.d	Rereads text, puts it away, and returns to it later.	Essay: Final Report
WRI.6.1.2.1.d	Rereads text, puts it away, and returns to it later.	Essay: Short Story
WRI.6.1.2.1.d	Rereads text, puts it away, and returns to it later.	Project: Fish Story
WRI.6.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding transitions; second reading - deleting unnecessary details; third reading - identifying areas where evidence is lacking and adding relevant information).	Essay: Final Report
WRI.6.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding transitions; second reading - deleting unnecessary details; third reading - identifying areas where evidence is lacking and adding relevant information).	Essay: Paragraph
WRI.6.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding transitions; second reading - deleting unnecessary details; third reading - identifying areas where evidence is lacking and adding relevant information).	Essay: Short Story
WRI.6.1.3.1.a	Rereads work several times and has a different focus for each reading (e.g., first reading - adding transitions; second reading - deleting unnecessary details; third reading - identifying areas where evidence is lacking and adding relevant information).	Paragraph Writing
WRI.6.1.3.1.b	Seeks and considers feedback from adults and peers.	Essay: Final Report
WRI.6.1.3.1.b	Seeks and considers feedback from adults and peers.	Essay: Short Story
WRI.6.1.3.1.c	Records feedback using writing group procedure (e.g., records the first four words of each sentence to encourage variation of sentence beginnings).	Project: Fish Story
WRI.6.1.3.1.d	Evaluates and uses feedback (e.g., "I'll use the word transformation to improve my word choice.>").	Project: Fish Story
WRI.6.1.3.1.e	Uses multiple resources regularly to identify needed changes (e.g., writing guide, adult, peer, criteria and/or checklist, thesaurus).	The Dictionary and Thesaurus
WRI.6.1.4.1.a	Identifies and corrects errors in conventions.	Essay: Final Report
WRI.6.1.4.1.a	Identifies and corrects errors in conventions.	Essay: Short Story
WRI.6.1.4.1.a	Identifies and corrects errors in conventions.	Organization in Literary Forms
WRI.6.1.4.1.a	Identifies and corrects errors in conventions.	Project: Fish Story
WRI.6.1.4.1.a	Identifies and corrects errors in conventions.	Writing the Report
WRI.6.1.4.1.b	Uses multiple resources regularly (e.g., dictionary, peer, adult, available technology, writing/style guide, textbook).	The Dictionary and Thesaurus
WRI.6.1.4.1.c	Proofreads final draft for errors.	Essay: Final Report
WRI.6.1.4.1.c	Proofreads final draft for errors.	Essay: Short Story
WRI.6.1.4.1.c	Proofreads final draft for errors.	Project: Fish Story
WRI.6.1.4.1.c	Proofreads final draft for errors.	Writing the Report
WRI.6.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., photos, charts, graphs, diagrams, maps).	Project: Fish Story
WRI.6.1.6.1.a	Revises at any stage of process.	Essay: Final Report
WRI.6.1.6.1.a	Revises at any stage of process.	Essay: Short Story
WRI.6.1.6.1.b	Edits as needed at any stage.	Essay: Final Report
WRI.6.1.6.1.b	Edits as needed at any stage.	Essay: Short Story
WRI.6.1.6.1.b	Edits as needed at any stage.	Organization in Literary Forms
WRI.6.1.6.1.b	Edits as needed at any stage.	Project: Fish Story
WRI.6.1.6.1.b	Edits as needed at any stage.	Writing the Report

Alignment Report for Language Arts 600
Washington - Language Arts - Grades 6-8

WRI.6.1.6.2.a	Delegates parts of writing process to team members (e.g., during prewriting, one team member gathers Internet information while another uses the library periodicals).	Project: News Story
WRI.6.1.6.2.a	Delegates parts of writing process to team members (e.g., during prewriting, one team member gathers Internet information while another uses the library periodicals).	Project: Newspaper
WRI.6.1.6.2.b	Collaborates on drafting, revising, and editing.	Essay: Final Report
WRI.6.1.6.2.b	Collaborates on drafting, revising, and editing.	Essay: Short Story
WRI.6.1.6.2.b	Collaborates on drafting, revising, and editing.	Organization in Literary Forms
WRI.6.1.6.2.b	Collaborates on drafting, revising, and editing.	Writing the Report
WRI.6.1.6.3.b	Writes to meet a deadline.	Project: Fish Story
WRI.6.1.6.3.c	Adjusts the number of drafts to compensate for time allotted.	Essay: Final Report
WRI.6.1.6.3.c	Adjusts the number of drafts to compensate for time allotted.	Essay: Short Story
WRI.6.1.6.3.c	Adjusts the number of drafts to compensate for time allotted.	Project: Fish Story
WRI.6.1.6.3.c	Adjusts the number of drafts to compensate for time allotted.	Writing the Report
WRI.6.1.6.3.d	Adapts amount of time spent prewriting in response to on-demand prompt.	Project: Fish Story
WRI.6.1.6.3.e	Creates a management timeline, flow chart, or action plan for written projects (e.g., research paper).	Project: Fish Story
WRI.6.1.6.3.f	Increases time for prewriting, drafting, revising, and editing, while working for clarity and effective presentation.	Essay: Final Report
WRI.6.1.6.3.f	Increases time for prewriting, drafting, revising, and editing, while working for clarity and effective presentation.	Essay: Short Story
WRI.6.1.6.3.f	Increases time for prewriting, drafting, revising, and editing, while working for clarity and effective presentation.	Organization in Literary Forms
WRI.6.1.6.3.f	Increases time for prewriting, drafting, revising, and editing, while working for clarity and effective presentation.	Writing the Report
WRI.6.2.1.1.a	Identifies an intended audience.	Project: Fish Story
WRI.6.2.1.1.a	Identifies an intended audience.	The Sentence
WRI.6.2.1.1.b	Identifies and includes information audience needs to know (e.g., defines scientific terms, makes no assumptions about audience's prior knowledge).	Project: Fish Story
WRI.6.2.1.1.c	Identifies audience's interest and knowledge of topic to determine emphasis.	Project: Fish Story
WRI.6.2.1.1.d	Anticipates readers' questions and writes accordingly.	Project: Fish Story
WRI.6.2.2.1.a	Writes to pursue a personal interest, to explain, or to persuade.	Project: Fish Story
WRI.6.2.2.1.b	Writes to analyze informational and literary texts (e.g., explains the results of a character's actions; explains the steps in a scientific investigation).	Project: News Story
WRI.6.2.2.1.b	Writes to analyze informational and literary texts (e.g., explains the results of a character's actions; explains the steps in a scientific investigation).	Project: Newspaper
WRI.6.2.2.1.b	Writes to analyze informational and literary texts (e.g., explains the results of a character's actions; explains the steps in a scientific investigation).	Prose Fiction (1)
WRI.6.2.2.1.b	Writes to analyze informational and literary texts (e.g., explains the results of a character's actions; explains the steps in a scientific investigation).	Reading for Inspiration (1)

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WRI.6.2.2.1.c	Writes to learn (e.g., science notebooks, math logs, reading response journal, reflection and self-assessment).	Essay: The President's Thoughts
WRI.6.2.2.1.d	Writes for more than one purpose using the same form (e.g., uses a poem to persuade, to tell a story, or to entertain).	Project: Cinquain and Shaped Poems
WRI.6.2.2.1.d	Writes for more than one purpose using the same form (e.g., uses a poem to persuade, to tell a story, or to entertain).	Project: Limericks
WRI.6.2.2.1.d	Writes for more than one purpose using the same form (e.g., uses a poem to persuade, to tell a story, or to entertain).	Project: Lullabies
WRI.6.2.2.1.d	Writes for more than one purpose using the same form (e.g., uses a poem to persuade, to tell a story, or to entertain).	Project: Metaphors
WRI.6.2.2.1.d	Writes for more than one purpose using the same form (e.g., uses a poem to persuade, to tell a story, or to entertain).	Project: Pen Picture
WRI.6.2.2.1.d	Writes for more than one purpose using the same form (e.g., uses a poem to persuade, to tell a story, or to entertain).	Report Writing: Researching
WRI.6.2.2.1.e	Includes more than one mode within a piece to address purpose (e.g., descriptive details or a narrative anecdote used as an example within an explanation).	Project: Fish Story
WRI.6.2.2.1.e	Includes more than one mode within a piece to address purpose (e.g., descriptive details or a narrative anecdote used as an example within an explanation).	Report Writing: Researching
WRI.6.2.3.1.a	Includes more than one form/genre in a single piece (e.g., a report about global issues that includes captions with pictures, charts/graphs, and a journal excerpt).	Essay: The President's Thoughts
WRI.6.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Project: Cinquain and Shaped Poems
WRI.6.2.3.1.c	Produces a variety of new forms/ genres.	Project: Fish Story
WRI.6.2.3.1.d.1	persuasive essays	Essay: Newspapers Today
WRI.6.2.3.1.d.1	persuasive essays	Essay: Propaganda
WRI.6.2.3.1.d.1	persuasive essays	Project: Advertisement
WRI.6.2.3.1.d.1	persuasive essays	Project: Advertising
WRI.6.2.3.1.d.1	persuasive essays	Project: Application
WRI.6.2.3.1.d.1	persuasive essays	Project: Fish Story
WRI.6.2.3.1.d.1	persuasive essays	Project: News Story
WRI.6.2.3.1.d.1	persuasive essays	Project: Newspaper
WRI.6.2.3.1.d.1	persuasive essays	Project: Propaganda
WRI.6.2.3.1.d.2	narrative essays	Project: Fish Story
WRI.6.2.3.1.d.3	biographies	Essay: Autobiography
WRI.6.2.3.1.d.3	biographies	Project: Fish Story
WRI.6.2.3.1.d.4	literary analyses (e.g., explains about character or main idea)	Project: Book Report -- Short Story
WRI.6.2.3.1.d.4	literary analyses (e.g., explains about character or main idea)	Project: Fish Story
WRI.6.2.3.1.d.5	research reports	Project: Fish Story
WRI.6.2.3.1.d.5	research reports	Project: News Story
WRI.6.2.3.1.d.5	research reports	Project: Newspaper
WRI.6.2.3.1.d.6	business letters	Business Letters
WRI.6.2.3.1.d.6	business letters	Communication (2)
WRI.6.2.3.1.d.6	business letters	Project: Business Letter

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WRI.6.2.3.1.d.6	business letters	Project: Fish Story
WRI.6.2.3.1.d.7	lab reports	Project: Fish Story
WRI.6.2.3.1.d.8	quatrains	Project: Fish Story
WRI.6.2.4.1.a	Collaborates with peers on long-term writing projects (e.g., class newspaper).	Analyzing a News Story
WRI.6.2.4.1.a	Collaborates with peers on long-term writing projects (e.g., class newspaper).	Communication (2)
WRI.6.2.4.1.a	Collaborates with peers on long-term writing projects (e.g., class newspaper).	Project: Fish Story
WRI.6.2.4.1.a	Collaborates with peers on long-term writing projects (e.g., class newspaper).	The Newspaper
WRI.6.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., application for student body office, presentation software as a visual aid).	Project: Fish Story
WRI.6.2.4.1.c	Selects and synthesizes information from technical and job-related documents for inclusion in writing (e.g., report that includes data/information derived from charts or graphs).	Project: Fish Story
WRI.6.2.4.1.c	Selects and synthesizes information from technical and job-related documents for inclusion in writing (e.g., report that includes data/information derived from charts or graphs).	Project: News Story
WRI.6.2.4.1.c	Selects and synthesizes information from technical and job-related documents for inclusion in writing (e.g., report that includes data/information derived from charts or graphs).	Project: Newspaper
WRI.6.3.1.1.a	Narrows topic with controlling idea (e.g., thesis statement or sentence that states the narrowed topic - "The ancient Romans contributed to technology in many ways.").	Essay: Newspapers Today
WRI.6.3.1.1.a	Narrows topic with controlling idea (e.g., thesis statement or sentence that states the narrowed topic - "The ancient Romans contributed to technology in many ways.").	Essay: Paragraph
WRI.6.3.1.1.a	Narrows topic with controlling idea (e.g., thesis statement or sentence that states the narrowed topic - "The ancient Romans contributed to technology in many ways.").	Paragraph Writing
WRI.6.3.1.1.a	Narrows topic with controlling idea (e.g., thesis statement or sentence that states the narrowed topic - "The ancient Romans contributed to technology in many ways.").	Project: Fish Story
WRI.6.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., multiple examples, anecdotes, statistics).	Project: Fish Story
WRI.6.3.1.1.b	Selects details relevant to the topic to extend ideas and develop elaboration (e.g., multiple examples, anecdotes, statistics).	Report Writing: Preparation
WRI.6.3.1.1.d	Varies method of developing character (e.g., how the character looks, talks, acts, and thinks) and setting (e.g., develops setting as character changes location) in narratives.	Project: Fish Story
WRI.6.3.1.2.a	Writes unified, cohesive paragraphs (e.g., topic sentence with logically presented details; spatial order; chronological order).	Essay: Paragraph
WRI.6.3.1.2.a	Writes unified, cohesive paragraphs (e.g., topic sentence with logically presented details; spatial order; chronological order).	Paragraph Writing

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WRI.6.3.1.2.b	Constructs an introduction using varying approaches (e.g., question, statistics/interesting facts, brief history).	Project: Fish Story
WRI.6.3.1.2.c	Constructs an ending/conclusion that goes beyond a repetition of the introduction (e.g., a summary, an interesting fact, echo from the beginning of the piece).	Listening and Summarizing
WRI.6.3.1.2.e	Sequences ideas and uses transitions to link events, reasons, facts, and opinions (e.g., degree transitions, such as most important and least important, within and between paragraphs).	Essay: Paragraph
WRI.6.3.1.2.e	Sequences ideas and uses transitions to link events, reasons, facts, and opinions (e.g., degree transitions, such as most important and least important, within and between paragraphs).	Paragraph Writing
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Essay: Newspapers Today
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Essay: Propaganda
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Project: Advertisement
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Project: Advertising
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Project: Application
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Project: News Story
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Project: Newspaper
WRI.6.3.1.2.f.2	persuasion (e.g., least to most important arguments)	Project: Propaganda
WRI.6.3.1.2.f.3	narratives (e.g., flashback)	Literary Forms and Terms
WRI.6.3.1.2.f.4	poetry (e.g., stanzas/chorus)	Project: Cinquain and Shaped Poems
WRI.6.3.1.2.f.4	poetry (e.g., stanzas/chorus)	Project: Limericks
WRI.6.3.1.2.f.4	poetry (e.g., stanzas/chorus)	Project: Lullabies
WRI.6.3.1.2.f.4	poetry (e.g., stanzas/chorus)	Project: Metaphors
WRI.6.3.1.2.f.4	poetry (e.g., stanzas/chorus)	Project: Pen Picture
WRI.6.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Project: Fish Story
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Essay: Newspapers Today
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Essay: Propaganda
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Project: Advertisement
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Project: Advertising
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Project: Application
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Project: News Story
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Project: Newspaper
WRI.6.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., informal vs. formal voice).	Project: Propaganda

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WRI.6.3.2.1.c	Writes expository text using either first or third person.	Prose Nonfiction
WRI.6.3.2.1.d	Supports a position in persuasive text from first-person or third-person point of view (e.g., I think vanilla ice cream is the best; According to an expert, vanilla ice cream is the best.).	Prose Nonfiction
WRI.6.3.2.1.e	Writes in a character's voice (e.g., retells a story using the point of view and voice of a character in the story; explains a historic event in the voice of a participant in that event).	Project: Fish Story
WRI.6.3.2.2.a	Selects and uses precise and specialized language in content writing (e.g., hypothesis in both science and social studies, hydration in health and fitness).	Essay: Newspapers Today
WRI.6.3.2.2.a	Selects and uses precise and specialized language in content writing (e.g., hypothesis in both science and social studies, hydration in health and fitness).	Nouns
WRI.6.3.2.2.b	Selects and uses persuasive techniques (e.g., testimonials, bandwagon).	Communication (1)
WRI.6.3.2.2.c	Selects and uses literary devices (e.g., simile, metaphor, and personification).	Figures of Speech (1)
WRI.6.3.2.2.c	Selects and uses literary devices (e.g., simile, metaphor, and personification).	Figures of Speech (2)
WRI.6.3.2.2.c	Selects and uses literary devices (e.g., simile, metaphor, and personification).	Literary Forms and Terms
WRI.6.3.2.2.c	Selects and uses literary devices (e.g., simile, metaphor, and personification).	Project: Metaphors
WRI.6.3.2.2.d	Selects and uses poetic devices (e.g., repetition, rhythm, rhyme schemes).	Characteristics of Poetry
WRI.6.3.2.2.d	Selects and uses poetic devices (e.g., repetition, rhythm, rhyme schemes).	Poetic Devices
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Essay: Newspapers Today
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Essay: Propaganda
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Nouns
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Advertisement
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Advertising
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Application
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Cinquain and Shaped Poems
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Fish Story
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Limericks
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Lullabies
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Metaphors
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: News Story
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Newspaper

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WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Pen Picture
WRI.6.3.2.2.e	Searches for alternatives to commonly used words, particularly in persuasive writing and poetry.	Project: Propaganda
WRI.6.3.2.3.b	Writes a variety of sentence structures (e.g., uses phrases and clauses: "In the beginning, I liked ice cream. That summer, after working at the store, I didn't want to eat ice cream again.").	Project: Fish Story
WRI.6.3.2.3.c	Uses rhythm and cadence in sentences and lines to influence meaning in prose and poetry (e.g., "The drums / beat on and on and on.").	Project: Cinquain and Shaped Poems
WRI.6.3.2.3.c	Uses rhythm and cadence in sentences and lines to influence meaning in prose and poetry (e.g., "The drums / beat on and on and on.").	Project: Fish Story
WRI.6.3.2.3.c	Uses rhythm and cadence in sentences and lines to influence meaning in prose and poetry (e.g., "The drums / beat on and on and on.").	Project: Limericks
WRI.6.3.2.3.c	Uses rhythm and cadence in sentences and lines to influence meaning in prose and poetry (e.g., "The drums / beat on and on and on.").	Project: Lullabies
WRI.6.3.2.3.c	Uses rhythm and cadence in sentences and lines to influence meaning in prose and poetry (e.g., "The drums / beat on and on and on.").	Project: Metaphors
WRI.6.3.2.3.c	Uses rhythm and cadence in sentences and lines to influence meaning in prose and poetry (e.g., "The drums / beat on and on and on.").	Project: Pen Picture
WRI.6.3.3.2.a	Uses spelling rules and patterns from previous grades.	Project: Fish Story
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson One
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Three
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two
WRI.6.3.3.2.b	Uses multiple strategies to spell.	Spelling Lesson Two

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WRI.6.3.3.2.c.2	homophones (e.g., read and reed)	Project: Fish Story
WRI.6.3.3.2.c.3	affixes (e.g., in-, im-, -spect, -fer)	Project: Fish Story
WRI.6.3.3.2.c.4	roots (e.g., biology, telegraph)	The Dictionary and Thesaurus
WRI.6.3.3.2.c.4	roots (e.g., biology, telegraph)	Word Parts
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson One
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Three
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Three
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Three
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Three
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Three
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Three
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Three
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.2.d	Uses resources to correct own spelling.	Spelling Lesson Two
WRI.6.3.3.3.a	Uses capitalization rules from previous grades.	Capitalization
WRI.6.3.3.3.a	Uses capitalization rules from previous grades.	Capitalization and Punctuation
WRI.6.3.3.3.a	Uses capitalization rules from previous grades.	Project: Fish Story
WRI.6.3.3.3.b	Capitalizes languages, races, nationalities, and religions correctly.	Capitalization
WRI.6.3.3.3.b	Capitalizes languages, races, nationalities, and religions correctly.	Capitalization and Punctuation
WRI.6.3.3.3.b	Capitalizes languages, races, nationalities, and religions correctly.	Project: Fish Story
WRI.6.3.3.3.c	Uses resources to correct capitalization.	Capitalization
WRI.6.3.3.3.c	Uses resources to correct capitalization.	Capitalization and Punctuation
WRI.6.3.3.3.c	Uses resources to correct capitalization.	Project: Fish Story
WRI.6.3.3.4.a	Uses punctuation rules from previous grades.	Project: Fish Story
WRI.6.3.3.4.b	Uses commas in appositives (e.g., Bob, the dog, was fun.).	Capitalization and Punctuation
WRI.6.3.3.4.b	Uses commas in appositives (e.g., Bob, the dog, was fun.).	Project: Fish Story
WRI.6.3.3.4.b	Uses commas in appositives (e.g., Bob, the dog, was fun.).	Punctuation
WRI.6.3.3.4.c	Uses commas to set off direct address (e.g., "Mom, may I go to the movies?").	Capitalization and Punctuation
WRI.6.3.3.4.c	Uses commas to set off direct address (e.g., "Mom, may I go to the movies?").	Project: Fish Story
WRI.6.3.3.4.c	Uses commas to set off direct address (e.g., "Mom, may I go to the movies?").	Punctuation
WRI.6.3.3.4.d	Uses apostrophe to show quotation within a quotation in dialogue (e.g., He said, "Mom said, 'Clean your room.' ").	Project: Fish Story

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WRI.6.3.3.4.e	Uses parentheses correctly (e.g., "A hypothesis (prediction) is a critical component of a scientific investigation.").	Essay: Newspapers Today
WRI.6.3.3.4.e	Uses parentheses correctly (e.g., "A hypothesis (prediction) is a critical component of a scientific investigation.").	Project: Fish Story
WRI.6.3.3.4.f	Uses a semi-colon between two independent clauses connected by a conjunctive adverb (e.g., I studied late into the night; consequently, I passed the test.).	Adverbs
WRI.6.3.3.4.f	Uses a semi-colon between two independent clauses connected by a conjunctive adverb (e.g., I studied late into the night; consequently, I passed the test.).	Conjunctions and Interjections
WRI.6.3.3.4.f	Uses a semi-colon between two independent clauses connected by a conjunctive adverb (e.g., I studied late into the night; consequently, I passed the test.).	Patterns in Language
WRI.6.3.3.4.f	Uses a semi-colon between two independent clauses connected by a conjunctive adverb (e.g., I studied late into the night; consequently, I passed the test.).	Plurals, Apostrophes, and Conjunctions
WRI.6.3.3.4.g	Uses resources to check punctuation.	Project: Fish Story
WRI.6.3.3.5.a	Applies usage rules from previous grades.	Project: Fish Story
WRI.6.3.3.5.b	Shows agreement of pronoun and its referent (e.g., A person needs his or her own space.).	Patterns in Language
WRI.6.3.3.5.b	Shows agreement of pronoun and its referent (e.g., A person needs his or her own space.).	Project: Fish Story
WRI.6.3.3.5.b	Shows agreement of pronoun and its referent (e.g., A person needs his or her own space.).	Pronouns
WRI.6.3.3.5.c	Maintains consistent person.	Project: Fish Story
WRI.6.3.3.5.d.1	parallel: A scientist observes, hypothesizes, and analyzes.	Essay: Newspapers Today
WRI.6.3.3.5.d.1	parallel: A scientist observes, hypothesizes, and analyzes.	Person and Number of Verbs
WRI.6.3.3.5.d.1	parallel: A scientist observes, hypothesizes, and analyzes.	Principal Parts of Verbs
WRI.6.3.3.5.d.1	parallel: A scientist observes, hypothesizes, and analyzes.	Project: News Story
WRI.6.3.3.5.d.1	parallel: A scientist observes, hypothesizes, and analyzes.	Project: Newspaper
WRI.6.3.3.5.d.1	parallel: A scientist observes, hypothesizes, and analyzes.	The Sentence
WRI.6.3.3.5.d.2	not parallel: A scientist observes, hypothesized, and analyzed.	Essay: Newspapers Today
WRI.6.3.3.5.d.2	not parallel: A scientist observes, hypothesized, and analyzed.	Person and Number of Verbs
WRI.6.3.3.5.d.2	not parallel: A scientist observes, hypothesized, and analyzed.	Principal Parts of Verbs
WRI.6.3.3.5.d.2	not parallel: A scientist observes, hypothesized, and analyzed.	Project: News Story
WRI.6.3.3.5.d.2	not parallel: A scientist observes, hypothesized, and analyzed.	Project: Newspaper
WRI.6.3.3.5.d.2	not parallel: A scientist observes, hypothesized, and analyzed.	The Sentence
WRI.6.3.3.5.e	Uses resources to check usage.	Project: Fish Story
WRI.6.3.3.6.a	May use fragments in dialogue as appropriate.	Effective Sentences: Avoiding Fragments and Wordiness

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WRI.6.3.3.6.a	May use fragments in dialogue as appropriate.	Project: Fish Story
WRI.6.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Essay: Paragraph
WRI.6.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Paragraph Writing
WRI.6.3.3.7.b	Provides detailed labeling, captions, headings, and subheadings when appropriate.	Project: Fish Story
WRI.6.3.3.8.a	Cites sources according to prescribed format.	Project: Fish Story
WRI.6.3.3.8.a	Cites sources according to prescribed format.	Report Writing: Preparation
WRI.6.4.1.1.a	Identifies aspects of the author's craft (e.g., sentence variation, voice, word choice).	Literary Forms and Terms
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Essay: Newspapers Today
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Essay: Propaganda
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Nouns
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Project: Advertisement
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Project: Advertising
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Project: Application
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Project: News Story
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Project: Newspaper
WRI.6.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., firm position, statistics as support, persuasive word choice).	Project: Propaganda
WRI.6.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., why ancient peoples settled along rivers).	Nouns
WRI.6.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., WASL rubric and anchor papers, checklists, content scoring guides).	Project: Fish Story
WRI.6.4.1.2.b	Rereads own work for the craft of writing (e.g., sentence openings, sentence variety) as well as the content (e.g., clear and accurate information).	Project: Fish Story
WRI.6.4.1.2.b	Rereads own work for the craft of writing (e.g., sentence openings, sentence variety) as well as the content (e.g., clear and accurate information).	Project: News Story

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WRI.6.4.1.2.b	Rereads own work for the craft of writing (e.g., sentence openings, sentence variety) as well as the content (e.g., clear and accurate information).	Project: Newspaper
WRI.6.4.1.2.c	Uses criteria to choose and defend choices for a writing portfolio.	Project: Cinquain and Shaped Poems
WRI.6.4.2.1.a	Evaluates and writes reflection about growth in writing and sets goals to create an improvement plan (e.g., "My word choice needs to improve. I will use more specific words to improve from a 3 to a 4 on the rubric.").	Essay: The President's Thoughts
WRI.6.4.2.1.a	Evaluates and writes reflection about growth in writing and sets goals to create an improvement plan (e.g., "My word choice needs to improve. I will use more specific words to improve from a 3 to a 4 on the rubric.").	Project: Fish Story
WRI.6.4.2.1.b	Monitors and evaluates progress and adjusts goals over time (e.g., "My word choice has improved. Now I have to think about my conclusions.").	Project: Fish Story
WRI.6.4.2.1.c	Maintains a written log of goals and a portfolio of work.	Project: Cinquain and Shaped Poems
Grade:	Grade 7	
Grade:	Grade 8	
Subject:	Communication	
Grade:	Grade 6	
Section	Description	Lesson Title
COM.6.1.1.1.a	Adapts listening behavior to sustain attention (e.g., focusing on speaker, providing appropriate and varied verbal and nonverbal feedback: nodding, clapping, taking notes, answering questions when asked, interjecting when appropriate, providing relevant comments, asking clarifying questions).	Listening Effectively
COM.6.1.1.1.a	Adapts listening behavior to sustain attention (e.g., focusing on speaker, providing appropriate and varied verbal and nonverbal feedback: nodding, clapping, taking notes, answering questions when asked, interjecting when appropriate, providing relevant comments, asking clarifying questions).	Listening and Summarizing
COM.6.1.1.1.b	Uses listening strategies for: active listening, empathetic listening, critical listening, and listening for enjoyment appropriate to situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work).	Listening Effectively
COM.6.1.1.1.b	Uses listening strategies for: active listening, empathetic listening, critical listening, and listening for enjoyment appropriate to situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work).	Listening and Summarizing
COM.6.1.1.2.a	Monitors and adjusts strategies to interpret information (e.g., attends and listens carefully; asks clarifying questions; paraphrases information; elaborates; processes information and ideas by drawing pictures, using graphic organizers, and taking notes).	Listening and Summarizing

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COM.6.1.2.2.a	Examines and explains technique(s) used to persuade and determines the intended effect on target audience (e.g., emotional appeal - pathos appeals, fallacies).	Communication (1)
COM.6.1.2.2.b	Examines the purpose and use of visual and auditory information in the media (e.g., automobiles, billboards, news reports, T-shirts, internet sites).	Analyzing a News Story
COM.6.1.2.2.b	Examines the purpose and use of visual and auditory information in the media (e.g., automobiles, billboards, news reports, T-shirts, internet sites).	Communication (2)
COM.6.1.2.2.b	Examines the purpose and use of visual and auditory information in the media (e.g., automobiles, billboards, news reports, T-shirts, internet sites).	The Newspaper
COM.6.2.2.1.d	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Listening Effectively
COM.6.2.2.1.d	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Listening and Summarizing
COM.6.3.1.1.a	Determines the topic and the audience and identifies a purpose (e.g., oral reports, reader's theater, student-led conference, demonstration, science fair display).	Essay: Invented Words
COM.6.3.1.1.a	Determines the topic and the audience and identifies a purpose (e.g., oral reports, reader's theater, student-led conference, demonstration, science fair display).	Essay: Shepherding
COM.6.3.1.1.a	Determines the topic and the audience and identifies a purpose (e.g., oral reports, reader's theater, student-led conference, demonstration, science fair display).	Essay: Short Story
COM.6.3.1.1.a	Determines the topic and the audience and identifies a purpose (e.g., oral reports, reader's theater, student-led conference, demonstration, science fair display).	Report: Persuasive Oral Presentation
COM.6.3.2.1.a	Uses resources to achieve a purpose and that can easily be seen and accessed by the audience (e.g., visual aids, equipment, props, artifacts, drawings).	Analyzing a News Story
COM.6.3.2.1.a	Uses resources to achieve a purpose and that can easily be seen and accessed by the audience (e.g., visual aids, equipment, props, artifacts, drawings).	The Newspaper
Grade:	Grade 7	
Grade:	Grade 8	
Subject:	Reading	
Grade:	Grade 6	
Section	Description	Lesson Title
READ.6.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	Judging a Book
READ.6.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	Plurals, Apostrophes, and Conjunctions

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READ.6.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	Synonyms, Antonyms, and Idioms
READ.6.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	The Dictionary and Thesaurus
READ.6.1.2.1.b	Use text evidence to verify meaning from reference source.	Reading to Develop Vocabulary
READ.6.1.2.2.a	Use word origins to determine the meaning of unknown words.	Using Auxiliary Verbs
READ.6.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., process, procession).	Reading to Develop Vocabulary
READ.6.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., process, procession).	The Dictionary and Thesaurus
READ.6.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., process, procession).	Word Parts
READ.6.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., process, procession).	Word Parts: Exercises
READ.6.1.2.2.c	Use structural analysis and concept-building vocabulary strategies to understand new words and concepts in informational/expository text and literary/narrative text.	Reading to Develop Vocabulary
READ.6.1.2.2.d	Use prior knowledge, the text, context clues, and graphic features of text to predict, clarify, and/or expand word meanings and concepts.	Project: Note Taking
READ.6.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning of unknown words in informational/expository text and literary/narrative text.	Using Auxiliary Verbs
READ.6.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text (including text from a variety of cultures and communities) into written and oral communication.	Project: Fish Story
READ.6.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text (including text from a variety of cultures and communities) into written and oral communication.	Reading to Develop Vocabulary
READ.6.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text (including text from a variety of cultures and communities) into written and oral communication.	Spelling Lesson One
READ.6.1.3.2.a	Identify and define content area vocabulary critical to the meaning of the text and use that knowledge to interpret the text.	Reading to Develop Vocabulary
READ.6.1.3.2.d	Use new vocabulary in oral and written communication.	Project: Fish Story
READ.6.1.3.2.d	Use new vocabulary in oral and written communication.	Spelling Lesson One
READ.6.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Essay: Sheepherding

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READ.6.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Literary Forms (2)
READ.6.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Project: Limericks
READ.6.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Reading for Information
READ.6.1.4.2.a	Read aloud grade-level informational/expository text and literary/narrative text accurately, using appropriate pacing, phrasing, and expression.	Sheep
READ.6.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 145-155+ words correct per minute.	Essay: Shepherding
READ.6.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 145-155+ words correct per minute.	Project: Limericks
READ.6.1.4.3.a	Adjust reading rate by speeding up or slowing down based on purpose (e.g., pleasure, informational reading, task-oriented reading), text level of difficulty, form, and style.	Prose Fiction (1)
READ.6.1.4.3.a	Adjust reading rate by speeding up or slowing down based on purpose (e.g., pleasure, informational reading, task-oriented reading), text level of difficulty, form, and style.	Reading for Inspiration (1)
READ.6.1.4.3.a	Adjust reading rate by speeding up or slowing down based on purpose (e.g., pleasure, informational reading, task-oriented reading), text level of difficulty, form, and style.	Sheep
READ.6.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Characteristics of Poetry
READ.6.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Reading for Information
READ.6.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Reading for Inspiration (2)
READ.6.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Reading to Comprehend (1)
READ.6.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Reading to Comprehend (2)
READ.6.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Sheep
READ.6.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	The Magic Weaver
READ.6.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Reading to Comprehend (1)
READ.6.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	The Elements of Drama
READ.6.2.1.3.c	Choose, from multiple choices, a title that best fits the selection and provide details from the text to support the choice.	Characteristics of Poetry
READ.6.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading for Information
READ.6.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading for Inspiration (2)
READ.6.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading to Comprehend (1)
READ.6.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading to Comprehend (2)

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READ.6.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Sheep
READ.6.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	The Elements of Drama
READ.6.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	The Magic Weaver
READ.6.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance comprehension of text.	Reading for Information
READ.6.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance comprehension of text.	Reading for Inspiration (2)
READ.6.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance comprehension of text.	Reading to Comprehend (1)
READ.6.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance comprehension of text.	Reading to Comprehend (2)
READ.6.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance comprehension of text.	Sheep
READ.6.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance comprehension of text.	The Magic Weaver
READ.6.2.1.5.a	Make, confirm, and revise prediction based on prior knowledge and evidence from the text.	Characteristics of Poetry
READ.6.2.1.5.b	Cite passages from text to confirm or defend predictions and inferences.	Characteristics of Poetry
READ.6.2.1.7.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text.	Reading for Information
READ.6.2.1.7.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text.	Reading to Comprehend (1)
READ.6.2.1.7.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text.	Sheep
READ.6.2.1.7.b	Summarize the plot/message in culturally relevant literary/narrative text.	Analyzing Story Structure
READ.6.2.1.7.b	Summarize the plot/message in culturally relevant literary/narrative text.	The Elements of Drama
READ.6.2.2.1.a	Explain the use of foreshadowing to convey meaning in literary/narrative text.	Literary Forms and Terms
READ.6.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., how to make pottery, steps in the oil refinery process).	Reading for Information
READ.6.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., how to make pottery, steps in the oil refinery process).	Sheep
READ.6.2.2.2.b	Interpret and draw conclusions from grade-level appropriate text features such as maps, charts, tables, and graphs, etc. (e.g., given a map of the world, draw a conclusion about why early civilizations thrived where they did).	Reading Critically

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READ.6.2.2.2.c	Use organizational features and electronic sources (such as headings and numberings, CD-ROM, Internet, pulldown menus, key word searches, and icons) to access information.	Report Writing: Preparation
READ.6.2.2.2.c	Use organizational features and electronic sources (such as headings and numberings, CD-ROM, Internet, pulldown menus, key word searches, and icons) to access information.	Sheep
READ.6.2.2.3.a	Use multiple sources of information from the text (e.g., character's own thoughts/words, what others say about the character, and how others react to the character) to describe how a character changes over time or how the character's action might contribute to the problem.	Analyzing Story Structure
READ.6.2.2.3.a	Use multiple sources of information from the text (e.g., character's own thoughts/words, what others say about the character, and how others react to the character) to describe how a character changes over time or how the character's action might contribute to the problem.	Reading for Inspiration (2)
READ.6.2.2.3.a	Use multiple sources of information from the text (e.g., character's own thoughts/words, what others say about the character, and how others react to the character) to describe how a character changes over time or how the character's action might contribute to the problem.	The Magic Weaver
READ.6.2.2.3.b	Identify the major actions that define the plot and how actions lead to conflict or resolution.	Analyzing Story Structure
READ.6.2.2.3.b	Identify the major actions that define the plot and how actions lead to conflict or resolution.	The Elements of Drama
READ.6.2.2.3.c	Explain the influence of setting on character and plot.	Analyzing Story Structure
READ.6.2.2.3.c	Explain the influence of setting on character and plot.	Reading for Inspiration (2)
READ.6.2.2.3.c	Explain the influence of setting on character and plot.	The Elements of Drama
READ.6.2.2.3.c	Explain the influence of setting on character and plot.	The Magic Weaver
READ.6.2.2.3.d	Identify the point of view used (first, third, or omniscient point of view) in a story.	Prose Nonfiction
READ.6.2.2.3.e	Compare and contrast the same conflict from the point of view of two different characters.	Comparing and Contrasting Stories
READ.6.2.2.3.e	Compare and contrast the same conflict from the point of view of two different characters.	Reading for Information
READ.6.2.2.3.f	Identify the stated themes in text and support with evidence from the text.	Characteristics of Poetry
READ.6.2.2.3.f	Identify the stated themes in text and support with evidence from the text.	The Elements of Drama
READ.6.2.2.3.g	Identify common recurring themes in books by the same or different authors and support with evidence from the text.	Characteristics of Poetry
READ.6.2.2.3.g	Identify common recurring themes in books by the same or different authors and support with evidence from the text.	The Elements of Drama
READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Analyzing Story Structure
READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Literary Forms (1)

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READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Literary Forms (2)
READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Musical Poems
READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Poetry
READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	Reading for Inspiration (2)
READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	The Elements of Drama
READ.6.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem (e.g., character, setting, conflict).	The Magic Weaver
READ.6.2.2.4.a	Recognize and use previously taught text organizational structures (simple listing, sequential order, description, comparison and contrast, chronological order, cause and effect, and order of importance) to aid comprehension.	Comparing and Contrasting Stories
READ.6.2.2.4.a	Recognize and use previously taught text organizational structures (simple listing, sequential order, description, comparison and contrast, chronological order, cause and effect, and order of importance) to aid comprehension.	Reading for Information
READ.6.2.3.1.a	Find similarities and differences within and between texts using text-based evidence (e.g., character's point of view in poetry and narrative; the author's feelings and the poet's feelings; cultural perspectives in a magazine article and an editorial).	Comparing and Contrasting Stories
READ.6.2.3.1.b	Select, from multiple choices, a sentence that tells how two text elements are alike or different (e.g., character, setting, information).	Comparing and Contrasting Stories
READ.6.2.3.1.c	Interpret cause and effect relationships within a literary/narrative text or informational/ expository text using evidence from the text (e.g., how the time period [setting] of a novel determines a character's behavior, how a situation affected a character, what events either caused or resulted from a problem, or how one situation determines another such as the flow of the Nile dictating early life in Egypt).	Characteristics of Poetry
READ.6.2.3.1.c	Interpret cause and effect relationships within a literary/narrative text or informational/ expository text using evidence from the text (e.g., how the time period [setting] of a novel determines a character's behavior, how a situation affected a character, what events either caused or resulted from a problem, or how one situation determines another such as the flow of the Nile dictating early life in Egypt).	Reading to Comprehend (2)

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READ.6.2.3.1.c	Interpret cause and effect relationships within a literary/narrative text or informational/ expository text using evidence from the text (e.g., how the time period [setting] of a novel determines a character's behavior, how a situation affected a character, what events either caused or resulted from a problem, or how one situation determines another such as the flow of the Nile dictating early life in Egypt).	Reading to Find Relationships
READ.6.2.3.1.c	Interpret cause and effect relationships within a literary/narrative text or informational/ expository text using evidence from the text (e.g., how the time period [setting] of a novel determines a character's behavior, how a situation affected a character, what events either caused or resulted from a problem, or how one situation determines another such as the flow of the Nile dictating early life in Egypt).	The Magic Weaver
READ.6.2.3.1.d	Select, from multiple choices, a sentence that explains or describes cause and effect relationships (e.g., what caused something to happen, what was the result of an action).	Reading to Comprehend (2)
READ.6.2.3.1.d	Select, from multiple choices, a sentence that explains or describes cause and effect relationships (e.g., what caused something to happen, what was the result of an action).	Reading to Find Relationships
READ.6.2.3.1.d	Select, from multiple choices, a sentence that explains or describes cause and effect relationships (e.g., what caused something to happen, what was the result of an action).	The Magic Weaver
READ.6.2.3.2.a	Select appropriate resources such as an atlas, newspaper, magazine, memo, directory, or schedule to locate information on a specific topic or for a specific purpose.	Analyzing a News Story
READ.6.2.3.2.a	Select appropriate resources such as an atlas, newspaper, magazine, memo, directory, or schedule to locate information on a specific topic or for a specific purpose.	Communication (2)
READ.6.2.3.2.a	Select appropriate resources such as an atlas, newspaper, magazine, memo, directory, or schedule to locate information on a specific topic or for a specific purpose.	Report Writing: Preparation
READ.6.2.3.2.a	Select appropriate resources such as an atlas, newspaper, magazine, memo, directory, or schedule to locate information on a specific topic or for a specific purpose.	Sheep
READ.6.2.3.2.a	Select appropriate resources such as an atlas, newspaper, magazine, memo, directory, or schedule to locate information on a specific topic or for a specific purpose.	The Newspaper
READ.6.2.3.2.b	Sort information gathered from various sources by topic and decide on the utility of the information for a specific purpose.	Report Writing: Preparation

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READ.6.2.3.3.a	Recognize previously taught literary devices (simile, personification, humor, metaphor, idiom, imagery, exaggeration, and dialogue) and explain how they make the story more interesting and/or convey a message.	Figures of Speech (1)
READ.6.2.3.3.a	Recognize previously taught literary devices (simile, personification, humor, metaphor, idiom, imagery, exaggeration, and dialogue) and explain how they make the story more interesting and/or convey a message.	Figures of Speech (2)
READ.6.2.3.3.a	Recognize previously taught literary devices (simile, personification, humor, metaphor, idiom, imagery, exaggeration, and dialogue) and explain how they make the story more interesting and/or convey a message.	Poetic Forms (1)
READ.6.2.3.3.a	Recognize previously taught literary devices (simile, personification, humor, metaphor, idiom, imagery, exaggeration, and dialogue) and explain how they make the story more interesting and/or convey a message.	Project: Metaphors
READ.6.2.3.3.a	Recognize previously taught literary devices (simile, personification, humor, metaphor, idiom, imagery, exaggeration, and dialogue) and explain how they make the story more interesting and/or convey a message.	Synonyms, Antonyms, and Idioms
READ.6.2.3.3.a	Recognize previously taught literary devices (simile, personification, humor, metaphor, idiom, imagery, exaggeration, and dialogue) and explain how they make the story more interesting and/or convey a message.	The Elements of Drama
READ.6.2.3.3.c	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	Musical Poems
READ.6.2.4.1.a	Draw a conclusion from grade-level text (e.g., what is the most important idea the author is trying to make in the story/poem/selection, how the selection might be useful to someone who wanted to do something related) and provide details to support the answer.	Characteristics of Poetry
READ.6.2.4.2.a	Identify and explain the author's purpose.	Developing Reading Skills
READ.6.2.4.2.b	Explain how author's use of word choice, sentence structure and length, and/or literary devices contributes to imagery, suggests a mood, or otherwise influences an audience.	Figures of Speech (1)
READ.6.2.4.2.b	Explain how author's use of word choice, sentence structure and length, and/or literary devices contributes to imagery, suggests a mood, or otherwise influences an audience.	Mood
READ.6.2.4.2.b	Explain how author's use of word choice, sentence structure and length, and/or literary devices contributes to imagery, suggests a mood, or otherwise influences an audience.	The Sentence
READ.6.2.4.3.a	Identify and explain when an author uses opinion to make a point.	Distinguishing Fact from Opinion
READ.6.2.4.3.a	Identify and explain when an author uses opinion to make a point.	Reading Critically
READ.6.2.4.3.b	Verify facts by checking sources for date of publication, bias, and accuracy.	Distinguishing Fact from Opinion
READ.6.2.4.3.b	Verify facts by checking sources for date of publication, bias, and accuracy.	Reading Critically

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READ.6.2.4.4.a	Determine the author's target audience(s) and cite examples of details, facts, and/or arguments that appeal to that audience.	Characteristics of Poetry
READ.6.2.4.4.a	Determine the author's target audience(s) and cite examples of details, facts, and/or arguments that appeal to that audience.	Reading to Comprehend (1)
READ.6.2.4.4.b	Interpret the author's tone and support the answer with text-based evidence.	Characteristics of Poetry
READ.6.2.4.4.c	Describe the intended effects of persuasive devices and propaganda techniques.	Communication (1)
READ.6.2.4.4.c	Describe the intended effects of persuasive devices and propaganda techniques.	Project: Propaganda
READ.6.2.4.4.c	Describe the intended effects of persuasive devices and propaganda techniques.	Propaganda
READ.6.2.4.4.c	Describe the intended effects of persuasive devices and propaganda techniques.	Recognizing Propaganda
READ.6.2.4.5.a	Generalize about common themes, conflicts, and situations after reading multiple texts.	Comparing and Contrasting Stories
READ.6.2.4.5.b	Explain how information in a text could be used to understand a similar situation or concept in another text and cite text-based examples (e.g., historical fiction about Egypt helps understand the role of the pharaohs).	Comparing and Contrasting Stories
READ.6.2.4.6.a	Find the similarities and differences in how an idea or concept is expressed in multiple texts.	Comparing and Contrasting Stories
READ.6.2.4.6.b	Compare the feeling of the authors and/or characters as expressed in multiple texts.	Comparing and Contrasting Stories
READ.6.2.4.6.c	Select, from multiple choices, a sentence that tells how two pieces of information are alike or different.	Comparing and Contrasting Stories
READ.6.2.4.7.a	Determine author's perspective (e.g., opinion about an idea, stand on an issue, perspective on a topic) and cite supporting informational/expository text and literary/narrative text details or facts.	Characteristics of Poetry
READ.6.2.4.7.a	Determine author's perspective (e.g., opinion about an idea, stand on an issue, perspective on a topic) and cite supporting informational/expository text and literary/narrative text details or facts.	Reading to Comprehend (1)
READ.6.2.4.7.b	Infer and explain the author's beliefs and assumptions, citing text-based reasons for choice (e.g., describe an author's background and beliefs and explain how they influence the author's perspective).	Characteristics of Poetry
READ.6.2.4.7.b	Infer and explain the author's beliefs and assumptions, citing text-based reasons for choice (e.g., describe an author's background and beliefs and explain how they influence the author's perspective).	Reading to Comprehend (1)
READ.6.2.4.7.c	Select, from multiple choices, a sentence that describes the author's or character's reasoning or problem with the reasoning.	Analyzing Story Structure
READ.6.2.4.7.c	Select, from multiple choices, a sentence that describes the author's or character's reasoning or problem with the reasoning.	Reading for Inspiration (2)
READ.6.2.4.7.c	Select, from multiple choices, a sentence that describes the author's or character's reasoning or problem with the reasoning.	The Magic Weaver

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READ.6.3.1.1.a	Locate, select, and use a variety of library, web-based, and Internet materials appropriate to the task or best suited to investigate the topic.	Report Writing: Preparation
READ.6.3.1.1.a	Locate, select, and use a variety of library, web-based, and Internet materials appropriate to the task or best suited to investigate the topic.	Sheep
READ.6.3.1.1.c	Follow multi-step written directions (e.g., read a manual, complete a project or assignment).	Reading Critically
READ.6.3.2.2.a	Locate and use functional documents (e.g., newspapers, magazines, schedules, promotional materials).	Analyzing a News Story
READ.6.3.2.2.a	Locate and use functional documents (e.g., newspapers, magazines, schedules, promotional materials).	Communication (2)
READ.6.3.2.2.a	Locate and use functional documents (e.g., newspapers, magazines, schedules, promotional materials).	The Newspaper
READ.6.3.4.2.a	Examine and explain various sub-genres of literary fiction based upon their characteristics.	Literary Forms (1)
READ.6.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast story elements in texts written in different genres).	Comparing and Contrasting Stories
READ.6.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast story elements in texts written in different genres).	Project: Book Report -- Short Story
READ.6.3.4.2.b	Respond to literature written in a variety of genres based on given criteria (e.g., compare and contrast story elements in texts written in different genres).	Reading for Information
READ.6.3.4.3.a	Explain similarities and differences within and among multiple cultures or historical periods citing text-based evidence (e.g., marriage customs or family vs. community responsibilities).	Characteristics of Poetry
READ.6.3.4.3.b	Identify and discuss recurring themes in literature (e.g., identity, struggle).	The Elements of Drama

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Writing
Grade:	Grade 6
Grade:	Grade 7

Section	Description	Lesson Title
WRI.7.1.1.1.b	Maintains a log or journal to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Essay: Autobiography
WRI.7.1.1.1.b	Maintains a log or journal to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Project: Descriptive Paragraph
WRI.7.1.1.1.d	Gathers and paraphrases information from a variety of resources (e.g., interviews, multimedia, periodicals) and chooses an organizer to analyze, synthesize, and/or evaluate information to plan writing.	Essay: Responding to a Documentary
WRI.7.1.1.1.d	Gathers and paraphrases information from a variety of resources (e.g., interviews, multimedia, periodicals) and chooses an organizer to analyze, synthesize, and/or evaluate information to plan writing.	Reading a Newspaper: Headlines
WRI.7.1.1.1.e	Explains purpose and selects effective form at prewriting stage.	Essay: Personal Letters
WRI.7.1.1.1.e	Explains purpose and selects effective form at prewriting stage.	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.1.1.1.e	Explains purpose and selects effective form at prewriting stage.	Personal and Business Letters: Three Types of Personal Letters
WRI.7.1.1.1.e	Explains purpose and selects effective form at prewriting stage.	Project: Giving a How-to Speech
WRI.7.1.2.1.a	Refers to prewriting plan.	Report: Drama
WRI.7.1.2.1.b	Drafts according to audience, purpose, and time.	Project: Giving a How-to Speech
WRI.7.1.2.1.b	Drafts according to audience, purpose, and time.	Report: Drama
WRI.7.1.2.1.c	Drafts by hand and/or electronically.	Actions: Past Tense Verbs
WRI.7.1.2.1.c	Drafts by hand and/or electronically.	Actions: Present Tense Verbs
WRI.7.1.2.1.c	Drafts by hand and/or electronically.	Report: Drama
WRI.7.1.3.1.a	Uses effective revision tools or strategies (e.g., reading draft out loud, checking sentence beginnings, expanding sentences, using an electronic or other thesaurus).	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.3.1.a	Uses effective revision tools or strategies (e.g., reading draft out loud, checking sentence beginnings, expanding sentences, using an electronic or other thesaurus).	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.3.1.a	Uses effective revision tools or strategies (e.g., reading draft out loud, checking sentence beginnings, expanding sentences, using an electronic or other thesaurus).	Sentence Patterns (2)
WRI.7.1.3.1.a	Uses effective revision tools or strategies (e.g., reading draft out loud, checking sentence beginnings, expanding sentences, using an electronic or other thesaurus).	Writing Effective Sentences (1)
WRI.7.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - changing words to improve clarity; second reading - substituting more effective persuasive language; third reading - adding specific examples to support claim).	Actions: Future Tense and Auxiliary Verbs

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WRI.7.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - changing words to improve clarity; second reading - substituting more effective persuasive language; third reading - adding specific examples to support claim).	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.3.1.c	Seeks and considers feedback from a variety of sources (e.g., adults, peers, community members, response groups).	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.3.1.c	Seeks and considers feedback from a variety of sources (e.g., adults, peers, community members, response groups).	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.3.1.d	Records feedback using writing group procedure (e.g., partner reads writer's work aloud, and writer notes possible revision).	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.3.1.d	Records feedback using writing group procedure (e.g., partner reads writer's work aloud, and writer notes possible revision).	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.3.1.e	Evaluates feedback and justifies the choice to use feedback (e.g., "I chose to change the word things because my group said it was confusing.>").	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.3.1.e	Evaluates feedback and justifies the choice to use feedback (e.g., "I chose to change the word things because my group said it was confusing.>").	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.3.1.f	Uses multiple resources regularly to identify needed changes (e.g., writing guide, checklist, criteria, adult, peer).	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.3.1.f	Uses multiple resources regularly to identify needed changes (e.g., writing guide, checklist, criteria, adult, peer).	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.4.1.a	Identifies and corrects errors in conventions.	Actions: Verbs Often Confused (Lie/Lay)
WRI.7.1.4.1.a	Identifies and corrects errors in conventions.	Actions: Verbs Often Confused (Rise/Raise)
WRI.7.1.4.1.a	Identifies and corrects errors in conventions.	Actions: Verbs Often Confused (Sit/Set)
WRI.7.1.4.1.a	Identifies and corrects errors in conventions.	Capitalization: Place Names
WRI.7.1.4.1.a	Identifies and corrects errors in conventions.	People, Places, and Things: Pronouns (2)
WRI.7.1.4.1.a	Identifies and corrects errors in conventions.	Report: Drama
WRI.7.1.4.1.a	Identifies and corrects errors in conventions.	Spelling Plurals
WRI.7.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, conventions checklist, adult, peer).	Actions: Verbs Often Confused (Lie/Lay)
WRI.7.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, conventions checklist, adult, peer).	Actions: Verbs Often Confused (Rise/Raise)
WRI.7.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, conventions checklist, adult, peer).	Actions: Verbs Often Confused (Sit/Set)
WRI.7.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, conventions checklist, adult, peer).	Capitalization: Place Names

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WRI.7.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, conventions checklist, adult, peer).	People, Places, and Things: Pronouns (2)
WRI.7.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, conventions checklist, adult, peer).	Report: Drama
WRI.7.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, conventions checklist, adult, peer).	Spelling Plurals
WRI.7.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., school newspaper, bulletin board, contest).	Project: Giving a How-to Speech
WRI.7.1.5.1.c	Publishes material in appropriate form (e.g., slide show, brochure, postcard) and format (e.g., colors, font, layout, key words and phrases instead of sentences) for visual and dramatic presentations (e.g., readers' theater script).	Essay: Personal Letters
WRI.7.1.5.1.c	Publishes material in appropriate form (e.g., slide show, brochure, postcard) and format (e.g., colors, font, layout, key words and phrases instead of sentences) for visual and dramatic presentations (e.g., readers' theater script).	Formatting
WRI.7.1.5.1.c	Publishes material in appropriate form (e.g., slide show, brochure, postcard) and format (e.g., colors, font, layout, key words and phrases instead of sentences) for visual and dramatic presentations (e.g., readers' theater script).	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.1.5.1.c	Publishes material in appropriate form (e.g., slide show, brochure, postcard) and format (e.g., colors, font, layout, key words and phrases instead of sentences) for visual and dramatic presentations (e.g., readers' theater script).	Personal and Business Letters: Three Types of Personal Letters
WRI.7.1.5.1.d	Uses different available technologies to produce, design, and publish a finished product (e.g., word processor, photo software, presentation software, publishing software).	Actions: Past Tense Verbs
WRI.7.1.5.1.d	Uses different available technologies to produce, design, and publish a finished product (e.g., word processor, photo software, presentation software, publishing software).	Actions: Present Tense Verbs
WRI.7.1.6.1.a	Revises at any stage of process.	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.6.1.a	Revises at any stage of process.	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.6.1.b	Edits as needed at any stage.	Actions: Verbs Often Confused (Lie/Lay)
WRI.7.1.6.1.b	Edits as needed at any stage.	Actions: Verbs Often Confused (Rise/Raise)
WRI.7.1.6.1.b	Edits as needed at any stage.	Actions: Verbs Often Confused (Sit/Set)
WRI.7.1.6.1.b	Edits as needed at any stage.	Capitalization: Place Names
WRI.7.1.6.1.b	Edits as needed at any stage.	People, Places, and Things: Pronouns (2)
WRI.7.1.6.1.b	Edits as needed at any stage.	Report: Drama
WRI.7.1.6.1.b	Edits as needed at any stage.	Spelling Plurals
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Actions: Perfect Tense Verbs and Conjugation

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WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Actions: Verbs Often Confused (Lie/Lay)
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Actions: Verbs Often Confused (Rise/Raise)
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Actions: Verbs Often Confused (Sit/Set)
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Capitalization: Place Names
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	People, Places, and Things: Pronouns (2)
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Report: Drama
WRI.7.1.6.2.b	Collaborates on drafting, revising, and editing.	Spelling Plurals
WRI.7.1.6.3.a	Adjusts the number of drafts to compensate for time allotted (e.g., on-demand, in-class writing or multi-week projects).	Report: Drama
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Actions: Future Tense and Auxiliary Verbs
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Actions: Perfect Tense Verbs and Conjugation
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Actions: Verbs Often Confused (Lie/Lay)
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Actions: Verbs Often Confused (Rise/Raise)
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Actions: Verbs Often Confused (Sit/Set)
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Capitalization: Place Names
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	People, Places, and Things: Pronouns (2)
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Report: Drama
WRI.7.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects. (e.g., portfolios).	Spelling Plurals
WRI.7.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain for a specified audience (e.g., writes to persuade classmates about a position on required school uniforms, includes narratives/poetry in portfolio).	Essay: Writing a Narrative
WRI.7.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain for a specified audience (e.g., writes to persuade classmates about a position on required school uniforms, includes narratives/poetry in portfolio).	Project: Giving a How-to Speech
WRI.7.2.2.1.b	Writes for self expression.	Project: Giving a How-to Speech
WRI.7.2.2.1.c	Writes to analyze informational and literary texts.	Pages 53 - 72
WRI.7.2.2.1.c	Writes to analyze informational and literary texts.	Project: Giving a How-to Speech
WRI.7.2.2.1.c	Writes to analyze informational and literary texts.	Report: Drama
WRI.7.2.2.1.d	Writes to learn (double-entry journal in math, social studies, or science; letter to teacher assessing own work; reflection).	Capitalization: Letters
WRI.7.2.2.1.d	Writes to learn (double-entry journal in math, social studies, or science; letter to teacher assessing own work; reflection).	Project: Giving a How-to Speech
WRI.7.2.2.1.e	Writes for more than one purpose using the same form (e.g., a script used to entertain, to persuade, or to inform).	Essay: Personal Letters

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WRI.7.2.2.1.e	Writes for more than one purpose using the same form (e.g., a script used to entertain, to persuade, or to inform).	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.2.1.e	Writes for more than one purpose using the same form (e.g., a script used to entertain, to persuade, or to inform).	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.2.1.e	Writes for more than one purpose using the same form (e.g., a script used to entertain, to persuade, or to inform).	Project: Giving a How-to Speech
WRI.7.2.2.1.e	Writes for more than one purpose using the same form (e.g., a script used to entertain, to persuade, or to inform).	Writing a Character Sketch
WRI.7.2.2.1.f	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote as an introduction to a persuasive piece of writing).	Essay: Personal Letters
WRI.7.2.2.1.f	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote as an introduction to a persuasive piece of writing).	Essay: Writing a Narrative
WRI.7.2.2.1.f	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote as an introduction to a persuasive piece of writing).	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.2.1.f	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote as an introduction to a persuasive piece of writing).	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.2.1.f	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote as an introduction to a persuasive piece of writing).	Project: Giving a How-to Speech
WRI.7.2.2.1.f	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote as an introduction to a persuasive piece of writing).	Writing Narratives: Writing a Biography
WRI.7.2.2.1.f	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote as an introduction to a persuasive piece of writing).	Writing a Character Sketch
WRI.7.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a research paper about a local issue that includes caption with pictures, charts and graphs, and interviews).	Essay: Personal Letters
WRI.7.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a research paper about a local issue that includes caption with pictures, charts and graphs, and interviews).	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a research paper about a local issue that includes caption with pictures, charts and graphs, and interviews).	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a research paper about a local issue that includes caption with pictures, charts and graphs, and interviews).	Report: Poet Biography
WRI.7.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a research paper about a local issue that includes caption with pictures, charts and graphs, and interviews).	Writing a Character Sketch
WRI.7.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Reading Narratives: What is a Biography?
WRI.7.2.3.1.c	Produces a variety of new forms/ genres.	Essay: Personal Letters
WRI.7.2.3.1.c	Produces a variety of new forms/ genres.	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.c	Produces a variety of new forms/ genres.	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.c	Produces a variety of new forms/ genres.	Writing a Character Sketch

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WRI.7.2.3.1.d.1	oral histories	Essay: Personal Letters
		Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.d.1	oral histories	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.1	oral histories	Project: Giving a Speech
		Speaking Like a Pro: Punctuation and Emphasis
WRI.7.2.3.1.d.1	oral histories	Essay: Personal Letters
WRI.7.2.3.1.d.2	fictional journal entries	Personal and Business Letters: Personal Letters, Structure, and Form
		Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.2	fictional journal entries	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.2	fictional journal entries	Essay: Personal Letters
WRI.7.2.3.1.d.3	film and drama reviews	Personal and Business Letters: Personal Letters, Structure, and Form
		Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.3	film and drama reviews	Essay: Personal Letters
WRI.7.2.3.1.d.3	film and drama reviews	Essay: Slavery
WRI.7.2.3.1.d.3	film and drama reviews	Essay: Writing a Character Sketch
WRI.7.2.3.1.d.4	compare/contrast essays	Modern Nonfiction: The Informal Essay
WRI.7.2.3.1.d.4	compare/contrast essays	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.d.4	compare/contrast essays	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.4	compare/contrast essays	Essay: Personal Letters
WRI.7.2.3.1.d.5	letters to the editor	Personal and Business Letters: Personal Letters, Structure, and Form
		Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.5	letters to the editor	Essay: Personal Letters
WRI.7.2.3.1.d.5	letters to the editor	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.d.6	brochures	Personal and Business Letters: Three Types of Personal Letters
		Essay: Personal Letters
WRI.7.2.3.1.d.6	brochures	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.d.6	brochures	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.7	web pages	Essay: Personal Letters
		Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.d.7	web pages	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.3.1.d.7	web pages	Essay: Limericks
WRI.7.2.3.1.d.8	ballads	Essay: Personal Letters
WRI.7.2.3.1.d.8	ballads	Nonsense Words in Poetry

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WRI.7.2.3.1.d.8	ballads	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.3.1.d.8	ballads	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., yearbook, literary magazine).	Report: Drama
WRI.7.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., class office résumé, persuasive letter requesting school funds).	Capitalization: Letters
WRI.7.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., class office résumé, persuasive letter requesting school funds).	Essay: Personal Letters
WRI.7.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., class office résumé, persuasive letter requesting school funds).	Personal and Business Letters: Personal Letters, Structure, and Form
WRI.7.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., class office résumé, persuasive letter requesting school funds).	Personal and Business Letters: Three Types of Personal Letters
WRI.7.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., class office résumé, persuasive letter requesting school funds).	Project: Writing Technical Directions
WRI.7.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., class office résumé, persuasive letter requesting school funds).	Project: Writing a Letter of Application
WRI.7.2.4.1.b	Writes in forms associated with specific tasks or careers (e.g., class office résumé, persuasive letter requesting school funds).	Technical Directions: Technical Directions, Purpose, and Features
WRI.7.2.4.1.c	Selects and synthesizes information from technical documents for inclusion in writing (e.g., report that includes data/information derived from charts or graphs).	Project: Analyzing Technical Directions
WRI.7.2.4.1.c	Selects and synthesizes information from technical documents for inclusion in writing (e.g., report that includes data/information derived from charts or graphs).	Project: Writing Technical Directions
WRI.7.2.4.1.c	Selects and synthesizes information from technical documents for inclusion in writing (e.g., report that includes data/information derived from charts or graphs).	Technical Directions: Technical Directions, Purpose, and Features
WRI.7.3.1.1.b	Selects specific details relevant to the topic to extend ideas and develop elaboration (e.g., multiple examples, statistics, anecdotes, reasons).	Modern Nonfiction: The Informal Essay
WRI.7.3.1.1.c	Uses personal experiences, observations, and/or research to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; personal knowledge of an illness to persuade the audience that water pollution is dangerous).	Reading a Newspaper: Headlines
WRI.7.3.1.1.d	Varies method of developing character (e.g., how the character acts, talks, thinks, and looks), setting (e.g., through the character's point of view), and plot in narratives.	Elements of Drama
WRI.7.3.1.1.d	Varies method of developing character (e.g., how the character acts, talks, thinks, and looks), setting (e.g., through the character's point of view), and plot in narratives.	Essay: Writing a Character Sketch

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WRI.7.3.1.1.d	Varies method of developing character (e.g., how the character acts, talks, thinks, and looks), setting (e.g., through the character's point of view), and plot in narratives.	Writing Narratives: Sketching Characters
WRI.7.3.1.1.d	Varies method of developing character (e.g., how the character acts, talks, thinks, and looks), setting (e.g., through the character's point of view), and plot in narratives.	Writing Narratives: Writing a Biography
WRI.7.3.1.2.a	Writes unified, cohesive paragraphs (e.g., supporting examples in order of importance, paragraph topic connected by transitions).	Project: Paragraph Practice
WRI.7.3.1.2.a	Writes unified, cohesive paragraphs (e.g., supporting examples in order of importance, paragraph topic connected by transitions).	Project: Self-Check Questions
WRI.7.3.1.2.b	Composes an engaging introduction (e.g., meaningful rhetorical question, interesting facts, relevant anecdote).	Report: Drama
WRI.7.3.1.2.e.1	explanations (e.g., cause and effect)	Project: Giving a How-to Speech
WRI.7.3.1.2.e.4	narratives (e.g., flashback, cliffhanger ending)	Essay: Writing a Narrative
WRI.7.3.1.2.e.4	narratives (e.g., flashback, cliffhanger ending)	Reading Narratives: Biography of Dolley Madison
WRI.7.3.1.2.e.4	narratives (e.g., flashback, cliffhanger ending)	Writing Narratives: Writing a Biography
WRI.7.3.1.2.e.5	poetry (e.g., stanzas/chorus, repetition, rhythm, rhyme scheme, line breaks)	Essay: Limericks
WRI.7.3.1.2.e.5	poetry (e.g., stanzas/chorus, repetition, rhythm, rhyme scheme, line breaks)	Nonsense Words in Poetry
WRI.7.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., humorous, informal, and knowledgeable voice).	Essay: Writing a Narrative
WRI.7.3.2.1.b	Writes in appropriate and consistent voice in narrative, informational, and persuasive writing (e.g., humorous, informal, and knowledgeable voice).	Writing Narratives: Writing a Biography
WRI.7.3.2.1.c	Writes from more than one point of view or perspective (e.g., cultural perspective for a character's viewpoint in history or literature, third person for scientific reports, first or third person for persuasive writing).	People, Places, and Things: Pronouns Often Confused
WRI.7.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Essay: Writing a Narrative
WRI.7.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Writing Narratives: Writing a Biography
WRI.7.3.2.2.e	Uses persuasive techniques (e.g., direct audience appeal, rhetorical questions).	Project: Giving a How-to Speech
WRI.7.3.2.2.f	Uses literary devices (e.g., simile, metaphor, personification).	Essay: Harriet's First Mistress
WRI.7.3.2.2.f	Uses literary devices (e.g., simile, metaphor, personification).	Figurative Language
WRI.7.3.2.2.f	Uses literary devices (e.g., simile, metaphor, personification).	Introduction and Preface through Page 53
WRI.7.3.2.2.g	Uses poetic devices (e.g., repetition, rhythm, rhyme schemes).	Poetry
WRI.7.3.2.3.a	Writes a variety of sentence lengths for effect (e.g., "Up in her bedroom, behind her closed door, the girl stamped her foot in rage, wishing she could go to the picnic. Grounded!").	Project: Using Sentence Patterns

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WRI.7.3.2.3.b	Writes a variety of sentence structures (e.g., uses appositive phrases: "The 7th grade teacher, the busiest woman on the staff, still had time for all of her students.").	Project: Using Sentence Patterns
WRI.7.3.2.3.b	Writes a variety of sentence structures (e.g., uses appositive phrases: "The 7th grade teacher, the busiest woman on the staff, still had time for all of her students.").	Sentence Patterns (1)
WRI.7.3.2.3.b	Writes a variety of sentence structures (e.g., uses appositive phrases: "The 7th grade teacher, the busiest woman on the staff, still had time for all of her students.").	Writing Effective Sentences (1)
WRI.7.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling Plurals
WRI.7.3.3.2.b	Uses multiple strategies to spell.	Spelling Plurals
WRI.7.3.3.2.c.1	homophones (e.g., principle and principal)	Spelling Plurals
WRI.7.3.3.2.c.2	affixes (e.g., re-, post-, -ous, -ology)	Adding Suffixes
WRI.7.3.3.2.c.2	affixes (e.g., re-, post-, -ous, -ology)	Spelling Plurals
WRI.7.3.3.2.c.4	frequently misspelled words (e.g., occasion, recommendation, sincerely)	Spelling Plurals
WRI.7.3.3.2.d	Uses resources to correct own spelling.	Spelling Plurals
WRI.7.3.3.3.a	Uses capitalization rules from previous grades.	Capitalization: Institutions and Group Names
WRI.7.3.3.3.a	Uses capitalization rules from previous grades.	Capitalization: Mixed Capitals
WRI.7.3.3.3.a	Uses capitalization rules from previous grades.	Capitalization: People's Names and First Words
WRI.7.3.3.3.a	Uses capitalization rules from previous grades.	Capitalization: Time, History, and Science
WRI.7.3.3.3.a	Uses capitalization rules from previous grades.	Using Capital Letters (1)
WRI.7.3.3.3.a	Uses capitalization rules from previous grades.	Using Capital Letters (2)
WRI.7.3.3.3.b	Uses capitals correctly in an outline or list.	Capitalization: Institutions and Group Names
WRI.7.3.3.3.b	Uses capitals correctly in an outline or list.	Capitalization: Mixed Capitals
WRI.7.3.3.3.b	Uses capitals correctly in an outline or list.	Capitalization: People's Names and First Words
WRI.7.3.3.3.b	Uses capitals correctly in an outline or list.	Capitalization: Time, History, and Science
WRI.7.3.3.3.b	Uses capitals correctly in an outline or list.	Using Capital Letters (1)
WRI.7.3.3.3.b	Uses capitals correctly in an outline or list.	Using Capital Letters (2)
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Capitalization: Institutions and Group Names
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Capitalization: Mixed Capitals
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Capitalization: People's Names and First Words
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Capitalization: Time, History, and Science
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Formatting
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Project: Analyzing Technical Directions
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Project: Writing Technical Directions
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Technical Directions: Technical Directions, Purpose, and Features
WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Using Capital Letters (1)

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WRI.7.3.3.3.c	Uses consistent capitalization when formatting technical documents.	Using Capital Letters (2)
WRI.7.3.3.3.d	Uses resources to check capitalization.	Capitalization: Institutions and Group Names
WRI.7.3.3.3.d	Uses resources to check capitalization.	Capitalization: Mixed Capitals
WRI.7.3.3.3.d	Uses resources to check capitalization.	Capitalization: People's Names and First Words
WRI.7.3.3.3.d	Uses resources to check capitalization.	Capitalization: Time, History, and Science
WRI.7.3.3.3.d	Uses resources to check capitalization.	Using Capital Letters (1)
WRI.7.3.3.3.d	Uses resources to check capitalization.	Using Capital Letters (2)
WRI.7.3.3.4.a	Uses punctuation rules from previous grades.	Project: Using Punctuation
WRI.7.3.3.4.a	Uses punctuation rules from previous grades.	Punctuation: Quotation Marks
WRI.7.3.3.4.b	Uses commas to separate an interrupter (e.g., The teacher, however, was not impressed.).	Punctuation: Commas
WRI.7.3.3.4.b	Uses commas to separate an interrupter (e.g., The teacher, however, was not impressed.).	Punctuation: Quotation Marks
WRI.7.3.3.4.c	Uses semicolons to separate groups that contain commas (e.g., The Seahawks traveled to Washington, D.C.; New York, NY; and Oakland, CA.).	Punctuation: Commas
WRI.7.3.3.4.c	Uses semicolons to separate groups that contain commas (e.g., The Seahawks traveled to Washington, D.C.; New York, NY; and Oakland, CA.).	Punctuation: Quotation Marks
WRI.7.3.3.4.d	Uses the hyphen to prevent confusion (e.g., re-elect).	Punctuation: Parenthesis and Hyphens
WRI.7.3.3.4.d	Uses the hyphen to prevent confusion (e.g., re-elect).	Punctuation: Quotation Marks
WRI.7.3.3.4.e	Uses bullets in technical writing when applicable.	Punctuation: Quotation Marks
WRI.7.3.3.4.f	Uses resources to check punctuation.	Project: Using Punctuation
WRI.7.3.3.4.f	Uses resources to check punctuation.	Punctuation: Quotation Marks
WRI.7.3.3.5.a	Applies usage rules from previous grades.	Actions: Past Tense Verbs
WRI.7.3.3.5.a	Applies usage rules from previous grades.	Actions: Present Tense Verbs
WRI.7.3.3.5.a	Applies usage rules from previous grades.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.a	Applies usage rules from previous grades.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.a	Applies usage rules from previous grades.	People, Places, and Things: Pronouns Often Confused
WRI.7.3.3.5.b.1	correct: He ran well in the race.	Actions: Past Tense Verbs
WRI.7.3.3.5.b.1	correct: He ran well in the race.	Actions: Present Tense Verbs
WRI.7.3.3.5.b.1	correct: He ran well in the race.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.b.1	correct: He ran well in the race.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.b.1	correct: He ran well in the race.	People, Places, and Things: Pronouns Often Confused
WRI.7.3.3.5.b.1	correct: He ran well in the race.	Writing Effective Sentences (2)
WRI.7.3.3.5.b.2	incorrect: He ran good in the race.	Actions: Past Tense Verbs
WRI.7.3.3.5.b.2	incorrect: He ran good in the race.	Actions: Present Tense Verbs
WRI.7.3.3.5.b.2	incorrect: He ran good in the race.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.b.2	incorrect: He ran good in the race.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.b.2	incorrect: He ran good in the race.	People, Places, and Things: Pronouns Often Confused

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WRI.7.3.3.5.b.2	incorrect: He ran good in the race.	Writing Effective Sentences (2)
WRI.7.3.3.5.c.1	correct: The ruby is harder than the emerald. The diamond is the hardest gem.	Actions: Past Tense Verbs
WRI.7.3.3.5.c.1	correct: The ruby is harder than the emerald. The diamond is the hardest gem.	Actions: Present Tense Verbs
WRI.7.3.3.5.c.1	correct: The ruby is harder than the emerald. The diamond is the hardest gem.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.c.1	correct: The ruby is harder than the emerald. The diamond is the hardest gem.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.c.1	correct: The ruby is harder than the emerald. The diamond is the hardest gem.	People, Places, and Things: Pronouns Often Confused
WRI.7.3.3.5.c.1	correct: The ruby is harder than the emerald. The diamond is the hardest gem.	Writing Effective Sentences (2)
WRI.7.3.3.5.c.2	incorrect: The diamond is more harder than that ruby.	Actions: Past Tense Verbs
WRI.7.3.3.5.c.2	incorrect: The diamond is more harder than that ruby.	Actions: Present Tense Verbs
WRI.7.3.3.5.c.2	incorrect: The diamond is more harder than that ruby.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.c.2	incorrect: The diamond is more harder than that ruby.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.c.2	incorrect: The diamond is more harder than that ruby.	People, Places, and Things: Pronouns Often Confused
WRI.7.3.3.5.c.2	incorrect: The diamond is more harder than that ruby.	Writing Effective Sentences (2)
WRI.7.3.3.5.d.1	parallel: The lunchroom was immaculate: napkins in their holders, pop bottles in the recycle container, and trays in place for the next day.	Actions: Past Tense Verbs
WRI.7.3.3.5.d.1	parallel: The lunchroom was immaculate: napkins in their holders, pop bottles in the recycle container, and trays in place for the next day.	Actions: Present Tense Verbs
WRI.7.3.3.5.d.1	parallel: The lunchroom was immaculate: napkins in their holders, pop bottles in the recycle container, and trays in place for the next day.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.d.1	parallel: The lunchroom was immaculate: napkins in their holders, pop bottles in the recycle container, and trays in place for the next day.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.d.1	parallel: The lunchroom was immaculate: napkins in their holders, pop bottles in the recycle container, and trays in place for the next day.	People, Places, and Things: Pronouns Often Confused
WRI.7.3.3.5.d.2	not parallel: The lunchroom was immaculate: napkins were put away, pop bottles in the recycle bins, and neatly stacked trays.	Actions: Past Tense Verbs
WRI.7.3.3.5.d.2	not parallel: The lunchroom was immaculate: napkins were put away, pop bottles in the recycle bins, and neatly stacked trays.	Actions: Present Tense Verbs
WRI.7.3.3.5.d.2	not parallel: The lunchroom was immaculate: napkins were put away, pop bottles in the recycle bins, and neatly stacked trays.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.d.2	not parallel: The lunchroom was immaculate: napkins were put away, pop bottles in the recycle bins, and neatly stacked trays.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.d.2	not parallel: The lunchroom was immaculate: napkins were put away, pop bottles in the recycle bins, and neatly stacked trays.	People, Places, and Things: Pronouns Often Confused
WRI.7.3.3.5.e	Uses resources to check usage.	Actions: Past Tense Verbs
WRI.7.3.3.5.e	Uses resources to check usage.	Actions: Present Tense Verbs

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WRI.7.3.3.5.e	Uses resources to check usage.	People, Places, and Things: Pronouns (1)
WRI.7.3.3.5.e	Uses resources to check usage.	People, Places, and Things: Pronouns (2)
WRI.7.3.3.5.e	Uses resources to check usage.	People, Places, and Things: Pronouns Often Confused
WRI.7.3.3.6.a	May use fragments in dialogue as appropriate.	Writing Complete Sentences
WRI.7.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Formatting
WRI.7.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Paragraph Components: Format and Topic
WRI.7.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Paragraph Components: Unity and Sequence
WRI.7.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Project: Paragraph Practice
WRI.7.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Project: Self-Check Questions
WRI.7.3.3.7.b	Uses stanzas and other textual markers (e.g., table of contents, title and subtitle, bullets).	Determining the Author's Message
WRI.7.3.3.7.b	Uses stanzas and other textual markers (e.g., table of contents, title and subtitle, bullets).	Organization
WRI.7.3.3.7.b	Uses stanzas and other textual markers (e.g., table of contents, title and subtitle, bullets).	Poetry
WRI.7.3.3.8.a	Cites sources according to prescribed format.	Source Citation
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Determining the Author's Message
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Essay: Character Sketch
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Essay: Short Story
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Essay: Writing a Character Sketch
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	History of Drama
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Interpretation and Communication
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Introduction and Preface through Page 53
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Pages 53 - 72
WRI.7.4.1.1.a	Identifies aspects of the author's craft (e.g., point of view, purpose, bias).	Works of Fiction
WRI.7.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., WASL, classroom-created, or 6-trait rubrics; scoring guides specific to purpose or form of assignment).	Essay: Revising a Letter
WRI.7.4.1.2.d	Provides evidence that goals have been met (e.g., selects piece that shows improved introduction technique).	Project: Giving a Speech

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WRI.7.4.2.1.b	Monitors progress and adjusts goals (e.g., "I have three expository essays in my portfolio. I need to include a persuasive piece next trimester.").	Project: Giving a Speech
WRI.7.4.2.1.c	Maintains a written log of long-term goals (e.g., "I will write in three or more new genres; I will use more logical evidence to persuade; I will elaborate with personal narrative; I will write to a government official or public personality.") and a portfolio of work.	Essay: Writing a Narrative
Grade:	Grade 8	
Subject:	Communication	
Grade:	Grade 6	
Grade:	Grade 7	
Section	Description	Lesson Title
COM.7.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work).	Listen and Learn: Learning to Listen
COM.7.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work).	Listen and Learn: Listening Attentively
COM.7.1.2.1.a	Distinguishes between literal and implicit meaning in a single statement or message, including, metaphors, sarcasm, and irony (e.g., "Please give her a hand" would actually mean "Applaud to show appreciation.").	Figurative Language
COM.7.1.2.1.a	Distinguishes between literal and implicit meaning in a single statement or message, including, metaphors, sarcasm, and irony (e.g., "Please give her a hand" would actually mean "Applaud to show appreciation.").	Nonsense Words in Poetry
COM.7.1.2.1.b	Explains relationships within and between visual and auditory information (e.g., Science: from an oral story about the Chum Salmon in Hood Canal, explains how the carcasses discarded in the canal contribute to the low oxygen level and "dead zones" now found in the canal).	Essay: Responding to a Documentary
COM.7.1.2.1.d	Attributes meaning of specific nonverbal communication (e.g., body language, facial expressions, silence, cultural symbols, eye contact/movement, proxemics).	Speaking Like a Pro: The Art of Public Speaking (1)
COM.7.1.2.1.d	Attributes meaning of specific nonverbal communication (e.g., body language, facial expressions, silence, cultural symbols, eye contact/movement, proxemics).	Speaking Like a Pro: Using Gestures
COM.7.1.2.1.e	Demonstrates empathy with the speaker by providing appropriate feedback (empathetic listening).	Essay: Listening
COM.7.1.2.2.a	Examines and explains technique(s) used to persuade and determines the intended effect on target audience (e.g., speaker credibility - ethos appeals, emotional appeal - pathos appeals, reasoning - logos appeals, fallacies).	Speaking Like a Pro: The Art of Public Speaking (1)

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COM.7.1.2.2.b	Differentiates between points of view represented in media (e.g., quick weight-loss programs and products versus health clubs, nutritional supplements, and balanced diet).	Essay: Responding to a Documentary
COM.7.1.2.2.c	Examines the purpose and intended effects of visual and auditory information (e.g., magazine images, CD covers, speeches, caps, song lyrics).	Essay: Responding to a Documentary
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	Actions: Future Tense and Auxiliary Verbs
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	Actions: Past Tense Verbs
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	Actions: Present Tense Verbs
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	People, Places, and Things: Pronouns Often Confused
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	Project: Giving a How-to Speech
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.2.1.1.a	Selects language that is respectful of others' feelings and rights (e.g., free from stereotyping, bias, slander, or harassment).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.>").	Actions: Future Tense and Auxiliary Verbs
COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.>").	Actions: Past Tense Verbs
COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.>").	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.>").	Actions: Present Tense Verbs
COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.>").	People, Places, and Things: Pronouns Often Confused
COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.>").	Project: Giving a How-to Speech

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COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.").	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.2.1.1.b	Adjusts language to enhance relationships and resolve conflict (e.g., "Amandari, what I hear you saying is..." "Trung, I apologize; I misunderstood what you were saying.").	Speaking Like a Pro: Punctuation and Emphasis
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Actions: Future Tense and Auxiliary Verbs
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Actions: Past Tense Verbs
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Actions: Present Tense Verbs
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	People, Places, and Things: Pronouns Often Confused
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Project: Giving a How-to Speech
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.2.1.1.d	Adjusts language register to the situation (e.g., classroom, school office, counselor, mock job interview).	Structure: Informal, Formal, and Nonstandard
COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	Actions: Future Tense and Auxiliary Verbs
COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	Actions: Past Tense Verbs
COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	Actions: Present Tense Verbs
COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	People, Places, and Things: Pronouns Often Confused
COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	Project: Giving a How-to Speech
COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	Speaking Like a Pro: Pitch, Accent, and Pause

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COM.7.2.2.1.a	Expresses one's self while considering others (e.g., avoids interrupting the speaker, uses and understands cues for taking turns, allows pause time before speaking, asks for feedback/input from others).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Actions: Future Tense and Auxiliary Verbs
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Actions: Past Tense Verbs
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Actions: Present Tense Verbs
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	People, Places, and Things: Pronouns Often Confused
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Project: Giving a How-to Speech
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Speaking Like a Pro: The Art of Public Speaking (1)
COM.7.2.2.1.b	Responds to indirect and direct indications that others need clarification (e.g., reads possible confusion on someone's face and clarifies by asking a question; responds to someone's request for examples and or elaboration).	Speaking Like a Pro: Using Gestures

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COM.7.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Essay: Listening
COM.7.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Listen and Learn: Learning to Listen
COM.7.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Listen and Learn: Listening Attentively
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Actions: Future Tense and Auxiliary Verbs
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Actions: Past Tense Verbs
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Actions: Present Tense Verbs
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Adding Suffixes
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	People, Places, and Things: Pronouns Often Confused
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Project: Giving a How-to Speech
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.2.2.2.a	Contributes relevant ideas with support/evidence by clarifying, illustrating, or expanding (e.g., contributes topics related to ideas, with support, and talks in turn, with consideration for others in the conversation).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.2.2.2.c	Encourages and supports equal participation within the group.	Speaking Like a Pro: Using Gestures

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COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Actions: Future Tense and Auxiliary Verbs
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Actions: Past Tense Verbs
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Actions: Present Tense Verbs
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	People, Places, and Things: Pronouns Often Confused
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Project: Giving a How-to Speech
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Speaking Like a Pro: The Art of Public Speaking (1)
COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Speaking Like a Pro: The Art of Public Speaking (2)

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COM.7.2.3.1.b	Identifies and explains factors that may cause misunderstanding among cultures (e.g., mismatched expectations: linear versus circular conversation, speaking time, eye contact, body language, expectation of sequence for taking turns, physical space).	Speaking Like a Pro: Using Gestures
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Actions: Future Tense and Auxiliary Verbs
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Actions: Past Tense Verbs
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Actions: Perfect Tense Verbs and Conjugation
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Actions: Present Tense Verbs
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	People, Places, and Things: Pronouns Often Confused
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Project: Giving a How-to Speech
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Speaking Like a Pro: Punctuation and Emphasis

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COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Speaking Like a Pro: The Art of Public Speaking (1)
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Speaking Like a Pro: The Art of Public Speaking (2)
COM.7.2.3.2.a	Uses knowledge of factors that may cause misunderstanding among cultures to communicate interculturally (e.g., mismatched expectations: linear versus circular conversation styles, speaking time, eye contact, body language, expectation of sequence for taking turns, oral cultural styles).	Speaking Like a Pro: Using Gestures
COM.7.3.1.1.a	Determines the topic and the audience and selects a purpose (e.g., skit, demonstration, speech, pantomime).	Project: Giving a Speech
COM.7.3.1.1.a	Determines the topic and the audience and selects a purpose (e.g., skit, demonstration, speech, pantomime).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.1.1.b	Organizes and structures presentation to facilitate understanding and interaction with audience (e.g., multimedia, posing and answering a question).	Project: Giving a Speech
COM.7.3.1.1.b	Organizes and structures presentation to facilitate understanding and interaction with audience (e.g., multimedia, posing and answering a question).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.1.1.c	Examines logical argument and unintended use of fallacies to determine necessary revisions to presentation (e.g., concept definition, problem/solution, cause and effect, compare and contrast, definition, overgeneralization, bandwagon).	Actions: Future Tense and Auxiliary Verbs
COM.7.3.1.1.c	Examines logical argument and unintended use of fallacies to determine necessary revisions to presentation (e.g., concept definition, problem/solution, cause and effect, compare and contrast, definition, overgeneralization, bandwagon).	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.1.1.c	Examines logical argument and unintended use of fallacies to determine necessary revisions to presentation (e.g., concept definition, problem/solution, cause and effect, compare and contrast, definition, overgeneralization, bandwagon).	Essay: Revising a Letter
COM.7.3.1.1.d	Uses techniques to enhance the message (e.g., imagery, direct audience appeal, rhetorical questions, and anecdotes).	Figurative Language
COM.7.3.1.1.d	Uses techniques to enhance the message (e.g., imagery, direct audience appeal, rhetorical questions, and anecdotes).	Speaking Like a Pro: The Art of Public Speaking (2)
COM.7.3.1.1.d	Uses techniques to enhance the message (e.g., imagery, direct audience appeal, rhetorical questions, and anecdotes).	Writing Complete Sentences
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Actions: Future Tense and Auxiliary Verbs

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COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Actions: Past Tense Verbs
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Actions: Present Tense Verbs
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	People, Places, and Things: Pronouns Often Confused
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Project: Giving a How-to Speech
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Project: Giving a Speech
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Source Citation
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.1.1.e	Cites sources to substantiate information/argument and avoid plagiarism.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.2.1.a	Uses resources to achieve a purpose and that can easily be seen and accessed by the audience (e.g., visual aids, equipment, props, artifacts, drawings).	Project: Giving a Speech
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Actions: Future Tense and Auxiliary Verbs
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Actions: Past Tense Verbs
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Actions: Present Tense Verbs
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	People, Places, and Things: Pronouns Often Confused
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Project: Giving a How-to Speech
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Project: Giving a Speech
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.2.1.b	Uses technology to inform and/or enhance presentations (e.g., print, on-line resources, visual display, presentation technology, video streaming, digital and video cameras).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Actions: Future Tense and Auxiliary Verbs
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Actions: Past Tense Verbs
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Actions: Perfect Tense Verbs and Conjugation

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COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Actions: Present Tense Verbs
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	People, Places, and Things: Pronouns Often Confused
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Project: Giving a How-to Speech
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Project: Giving a Speech
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.3.1.a	Practices and uses feedback to improve presentation and develop confidence.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	Actions: Future Tense and Auxiliary Verbs
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	Actions: Past Tense Verbs
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	Actions: Present Tense Verbs
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	People, Places, and Things: Pronouns Often Confused
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	Project: Giving a How-to Speech
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.3.1.b	Speaks with expression using purposeful volume, articulation, and pace/rate.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Actions: Future Tense and Auxiliary Verbs
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Actions: Past Tense Verbs
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Actions: Present Tense Verbs
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	People, Places, and Things: Pronouns Often Confused
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Project: Giving a How-to Speech
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Speaking Like a Pro: The Art of Public Speaking (1)
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Speaking Like a Pro: The Art of Public Speaking (2)
COM.7.3.3.1.c	Uses posture, body language, and gestures to heighten and emphasize message.	Speaking Like a Pro: Using Gestures
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Actions: Future Tense and Auxiliary Verbs
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Actions: Past Tense Verbs

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COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Actions: Present Tense Verbs
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Adding Suffixes
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	People, Places, and Things: Pronouns Often Confused
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Project: Giving a How-to Speech
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.3.1.e	Uses standard adult grammar to enhance message.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Actions: Future Tense and Auxiliary Verbs
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Actions: Past Tense Verbs
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Actions: Present Tense Verbs
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Essay: Personal Letters
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Essay: Revising a Letter
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	People, Places, and Things: Pronouns Often Confused
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Personal and Business Letters: Business Letters, Structure, and Form
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Personal and Business Letters: Personal Letters, Structure, and Form
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Personal and Business Letters: The Three Types of Business Letters
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Personal and Business Letters: Three Types of Personal Letters
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Project: Business Letters
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Project: Giving a How-to Speech
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.3.3.1.f	Uses appropriate language registers (e.g., formal versus informal).	Structure: Informal, Formal, and Nonstandard
COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Actions: Future Tense and Auxiliary Verbs
COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Actions: Past Tense Verbs
COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Actions: Perfect Tense Verbs and Conjugation
COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Actions: Present Tense Verbs

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COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	People, Places, and Things: Pronouns Often Confused
COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Project: Giving a How-to Speech
COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.3.3.1.g	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.1.1.a	Articulates the qualities that make communication (group work or presentation types) effective (e.g., uses classroom-created rubric).	Project: Giving a Speech
COM.7.4.1.1.a	Articulates the qualities that make communication (group work or presentation types) effective (e.g., uses classroom-created rubric).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.4.1.1.a	Articulates the qualities that make communication (group work or presentation types) effective (e.g., uses classroom-created rubric).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Actions: Future Tense and Auxiliary Verbs
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Actions: Past Tense Verbs
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Actions: Perfect Tense Verbs and Conjugation
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Actions: Present Tense Verbs
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Essay: Listening
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	People, Places, and Things: Pronouns Often Confused
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Project: Giving a How-to Speech
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources (teachers, peers, community members) to improve communication.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Actions: Future Tense and Auxiliary Verbs
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Actions: Past Tense Verbs

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COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Actions: Perfect Tense Verbs and Conjugation
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Actions: Present Tense Verbs
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Essay: Revising a Letter
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	People, Places, and Things: Pronouns Often Confused
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Project: Giving a How-to Speech
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.4.1.1.c	Critiques style and content of own communication using established criteria (e.g., rubrics specific to purpose or form of assignment) to build on strengths and develop areas of weakness.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	Actions: Future Tense and Auxiliary Verbs
COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	Actions: Past Tense Verbs
COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	Actions: Perfect Tense Verbs and Conjugation
COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	Actions: Present Tense Verbs
COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	People, Places, and Things: Pronouns Often Confused
COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	Project: Giving a How-to Speech

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COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.4.1.1.d	Uses appropriate terminology to describe and justify language and techniques used (e.g., "I used bandwagon as a persuasive technique in my presentation to the school administrators.")	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Actions: Future Tense and Auxiliary Verbs
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Actions: Past Tense Verbs
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Actions: Perfect Tense Verbs and Conjugation
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Actions: Present Tense Verbs
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	People, Places, and Things: Pronouns Often Confused
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Project: Giving a How-to Speech
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Project: Giving a Speech
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.4.1.1.e	Weights effect of presentation on audience (e.g., use verbal and nonverbal audience response and feedback to determine effect).	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.1.2.a	Examines accuracy of content and terminology for specific content areas in others' communication (e.g., demonstration of scientific procedure during a class lab using appropriate terminology).	Essay: Listening
COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Actions: Future Tense and Auxiliary Verbs
COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Actions: Past Tense Verbs
COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Actions: Perfect Tense Verbs and Conjugation
COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Actions: Present Tense Verbs
COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	People, Places, and Things: Pronouns Often Confused

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COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Project: Giving a How-to Speech
COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Actions: Future Tense and Auxiliary Verbs
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Actions: Past Tense Verbs
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Actions: Perfect Tense Verbs and Conjugation
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Actions: Present Tense Verbs
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Essay: Personal Letters
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Essay: Revising a Letter
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	People, Places, and Things: Pronouns Often Confused
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Personal and Business Letters: Business Letters, Structure, and Form
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Personal and Business Letters: Personal Letters, Structure, and Form
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Personal and Business Letters: The Three Types of Business Letters
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Personal and Business Letters: Three Types of Personal Letters
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Project: Business Letters
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Project: Giving a How-to Speech
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Speaking Like a Pro: Pitch, Accent, and Pause
COM.7.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Speaking Like a Pro: Punctuation and Emphasis
COM.7.4.2.1.b	Monitors progress toward implementing the plan (e.g., through the use of audio portfolio, rubrics, reflection journals) making adjustments and corrections as needed.	Project: Giving a Speech
Grade:	Grade 8	
Subject:	Reading	
Grade:	Grade 6	
Grade:	Grade 7	
Section	Description	Lesson Title
READ.7.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	Library Skills and Visual Aids

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READ.7.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	People, Places, and Things: Labeling with Nouns
READ.7.1.2.1.a	Use dictionaries, thesauruses, and glossaries to find or confirm word meanings, pronunciations, syllabication, synonyms, antonyms, parts of speech, and/or clarify shades of meaning.	Speaking Like a Pro: Pronouncing Words (2)
READ.7.1.2.1.b	Use text evidence to verify meaning from reference source.	Pages 72-131 and Appendix
READ.7.1.2.2.a	Use word origins to determine the meaning of unknown words.	Adding Suffixes
READ.7.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., expose, exposition).	Adding Suffixes
READ.7.1.2.2.d	Use prior knowledge, the text, context clues, and graphic features of text to predict, clarify, and/or expand word meanings and concepts.	Pages 72-131 and Appendix
READ.7.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning when encountering unknown words in literary/narrative and informational/expository text.	Adding Suffixes
READ.7.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning when encountering unknown words in literary/narrative and informational/expository text.	Historical Nonfiction: Autobiography (1)
READ.7.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning when encountering unknown words in literary/narrative and informational/expository text.	Historical Nonfiction: Autobiography (2)
READ.7.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning when encountering unknown words in literary/narrative and informational/expository text.	Modern Nonfiction: The Informal Essay
READ.7.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning when encountering unknown words in literary/narrative and informational/expository text.	Organization
READ.7.1.2.2.e	Self-correct, re-read, read on, and/or slow down to gain meaning when encountering unknown words in literary/narrative and informational/expository text.	Reading News Magazines
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Historical Nonfiction: Autobiography (1)
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Historical Nonfiction: Autobiography (2)
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Modern Nonfiction: The Informal Essay
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Organization

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READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Project: Newspaper Articles
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Reading News Magazines
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Reading a Newspaper: Headlines
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Reading a Newspaper: Special Features and Advertisements
READ.7.1.3.1.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities, into written and oral communication.	Technical Directions: Technical Directions, Purpose, and Features
READ.7.1.3.2.c	Select, from multiple choices, the meanings of words or phrases identified in the text.	Pages 72-131 and Appendix
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	Actions: Future Tense and Auxiliary Verbs
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	Actions: Past Tense Verbs
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	Actions: Perfect Tense Verbs and Conjugation
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	Actions: Present Tense Verbs
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	People, Places, and Things: Pronouns Often Confused
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	Project: Giving a How-to Speech
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	Speaking Like a Pro: Punctuation and Emphasis
READ.7.1.3.2.d	Use new vocabulary in oral and written communication.	Technical Directions: Technical Directions, Purpose, and Features
READ.7.1.4.2.a	Read aloud grade-level literary/narrative text and informational/expository text accurately, using appropriate pacing, phrasing, and expression.	Historical Nonfiction: Autobiography (1)
READ.7.1.4.2.a	Read aloud grade-level literary/narrative text and informational/expository text accurately, using appropriate pacing, phrasing, and expression.	Historical Nonfiction: Autobiography (2)
READ.7.1.4.2.a	Read aloud grade-level literary/narrative text and informational/expository text accurately, using appropriate pacing, phrasing, and expression.	Modern Nonfiction: The Informal Essay
READ.7.1.4.2.a	Read aloud grade-level literary/narrative text and informational/expository text accurately, using appropriate pacing, phrasing, and expression.	Organization
READ.7.1.4.2.a	Read aloud grade-level literary/narrative text and informational/expository text accurately, using appropriate pacing, phrasing, and expression.	Reading News Magazines
READ.7.1.4.2.a	Read aloud grade-level literary/narrative text and informational/expository text accurately, using appropriate pacing, phrasing, and expression.	Speaking Like a Pro: Punctuation and Emphasis

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READ.7.1.4.2.b	Read aloud unpracticed grade-level text with fluency in a range of 145-155+ words correct per minute.	Speaking Like a Pro: Punctuation and Emphasis
READ.7.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Nonsense Words in Poetry
READ.7.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Reading Narratives: Sequencing
READ.7.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Historical Nonfiction: Autobiography (1)
READ.7.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Historical Nonfiction: Autobiography (2)
READ.7.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Modern Nonfiction: The Informal Essay
READ.7.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Project: Newspaper Articles
READ.7.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Reading News Magazines
READ.7.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Reading a Newspaper: Headlines
READ.7.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Reading a Newspaper: Special Features and Advertisements
READ.7.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Paragraph Components: Format and Topic
READ.7.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Paragraph Components: Format and Topic
READ.7.2.1.4.a	Connect current issues, previous information and experiences to characters, events, and information within and across culturally relevant text(s).	Project: Newspaper Articles
READ.7.2.1.4.a	Connect current issues, previous information and experiences to characters, events, and information within and across culturally relevant text(s).	Reading News Magazines
READ.7.2.1.4.a	Connect current issues, previous information and experiences to characters, events, and information within and across culturally relevant text(s).	Reading a Newspaper: Headlines
READ.7.2.1.4.a	Connect current issues, previous information and experiences to characters, events, and information within and across culturally relevant text(s).	Reading a Newspaper: Special Features and Advertisements
READ.7.2.1.5.c	Select, from multiple choices, a prediction or inference that could be made from the text (e.g., what the character will do next, what will happen to a character because of an event, what will happen because of an action).	Reading Narratives: Sequencing
READ.7.2.1.5.d	Organize information to support a prediction or inference in a self-created graphic organizer to enhance text comprehension.	Reading Narratives: Sequencing
READ.7.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Paragraph Components: Format and Topic
READ.7.2.1.6.b	Generate and answer questions about the text before, during, and after reading to aid comprehension.	Paragraph Components: Format and Topic
READ.7.2.1.6.d	Create and describe mental images to understand text.	Paragraph Components: Format and Topic
READ.7.2.17.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text.	Organization

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READ.7.2.17.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text.	Project: Writing a Summary
READ.7.2.17.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text.	Reading Narratives: Note-taking and Summarizing
READ.7.2.17.a	Create a summary including the main idea and the most important text-based facts, details, and/or ideas from informational/expository text.	Reading News Magazines
READ.7.2.17.b	Summarize the plot in culturally relevant literary/narrative texts.	Project: Writing a Summary
READ.7.2.17.b	Summarize the plot in culturally relevant literary/narrative texts.	Reading Narratives: Note-taking and Summarizing
READ.7.2.17.c	Select, from multiple choices, a sentence that best summarizes the story or selection.	Project: Writing a Summary
READ.7.2.17.c	Select, from multiple choices, a sentence that best summarizes the story or selection.	Reading Narratives: Note-taking and Summarizing
READ.7.2.17.d	Organize summary information for informational/expository text and/or literary/narrative text into a self-created graphic organizer to enhance text comprehension.	Organization
READ.7.2.17.d	Organize summary information for informational/expository text and/or literary/narrative text into a self-created graphic organizer to enhance text comprehension.	Project: Writing a Summary
READ.7.2.17.d	Organize summary information for informational/expository text and/or literary/narrative text into a self-created graphic organizer to enhance text comprehension.	Reading Narratives: Note-taking and Summarizing
READ.7.2.17.d	Organize summary information for informational/expository text and/or literary/narrative text into a self-created graphic organizer to enhance text comprehension.	Reading News Magazines
READ.7.2.2.1.a	Explain an author's development of time and sequence through the use of literary devices (e.g., diary entries within a text) and/or the use of traditional/cultural organizational structures.	Determining the Author's Message
READ.7.2.2.1.a	Explain an author's development of time and sequence through the use of literary devices (e.g., diary entries within a text) and/or the use of traditional/cultural organizational structures.	Paragraph Components: Unity and Sequence
READ.7.2.2.1.a	Explain an author's development of time and sequence through the use of literary devices (e.g., diary entries within a text) and/or the use of traditional/cultural organizational structures.	Reading Narratives: Biography of Dolley Madison
READ.7.2.2.1.a	Explain an author's development of time and sequence through the use of literary devices (e.g., diary entries within a text) and/or the use of traditional/cultural organizational structures.	Reading Narratives: Sequencing
READ.7.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., obtaining a passport, how the laser was discovered).	Organization
READ.7.2.2.1.b	Explain the use of steps in a process to convey meaning in an informational/expository text (e.g., obtaining a passport, how the laser was discovered).	Reading News Magazines
READ.7.2.2.2.a	Locate information using grade-level appropriate text features.	Determining the Author's Message

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READ.7.2.2.2.a	Locate information using grade-level appropriate text features.	Formatting
READ.7.2.2.2.a	Locate information using grade-level appropriate text features.	Library Skills and Visual Aids
READ.7.2.2.2.a	Locate information using grade-level appropriate text features.	Organization
READ.7.2.2.2.a	Locate information using grade-level appropriate text features.	Source Citation
READ.7.2.2.2.c	Use organizational features and electronic sources (such as headings and numberings, CD-ROM, Internet, pulldown menus, key word searches, and icons) to access information.	Reading News Magazines
READ.7.2.2.2.d	Select from multiple choices, the purpose of a specific text feature, and/or information learned from a text feature.	Determining the Author's Message
READ.7.2.2.2.d	Select from multiple choices, the purpose of a specific text feature, and/or information learned from a text feature.	Formatting
READ.7.2.2.2.d	Select from multiple choices, the purpose of a specific text feature, and/or information learned from a text feature.	Organization
READ.7.2.2.2.e	Explain how specific text features help you understand a selection (e.g., how margin entries provide additional information to assist in comprehension, how specific symbols are used, such as the numeration for footnotes).	Determining the Author's Message
READ.7.2.2.2.e	Explain how specific text features help you understand a selection (e.g., how margin entries provide additional information to assist in comprehension, how specific symbols are used, such as the numeration for footnotes).	Formatting
READ.7.2.2.2.e	Explain how specific text features help you understand a selection (e.g., how margin entries provide additional information to assist in comprehension, how specific symbols are used, such as the numeration for footnotes).	Organization
READ.7.2.2.2.e	Explain how specific text features help you understand a selection (e.g., how margin entries provide additional information to assist in comprehension, how specific symbols are used, such as the numeration for footnotes).	Paragraph Components: Format and Topic
READ.7.2.2.3.a	Use multiple sources of information from the text (e.g., character's own thoughts/words, what others say about the character, and how others react to the character) to describe how major and minor characters change over time.	Essay: Harriet's First Mistress
READ.7.2.2.3.b	Identify the important events that lead to conflicts and explain how each does or does not contribute to the resolution.	The Reading of a Play
READ.7.2.2.3.c	Explain the influence of setting on mood, character, and plot.	Figurative Language
READ.7.2.2.3.c	Explain the influence of setting on mood, character, and plot.	History of Drama
READ.7.2.2.3.d	Identify the point of view used (first, third, or omniscient point of view) and interpret how point of view influences the text.	Works of Fiction
READ.7.2.2.3.e	Explain how a story would change if the narrator's perspective changed.	Essay: Character Sketch
READ.7.2.2.3.e	Explain how a story would change if the narrator's perspective changed.	Essay: Writing a Character Sketch

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READ.7.2.2.3.e	Explain how a story would change if the narrator's perspective changed.	Interpretation and Communication
READ.7.2.2.3.e	Explain how a story would change if the narrator's perspective changed.	Organization
READ.7.2.2.3.h	Select, from multiple choices, words or sentences that best describe specific story elements from the story, selection, or poem.	Poetry
READ.7.2.2.4.a	Recognize and use previously taught organizational structures (simple listing, sequential order, description, comparison and contrast, chronological order, cause and effect, order of importance, and process/procedural) to aid comprehension.	Paragraph Components: Format and Topic
READ.7.2.2.4.b	Identify and use text written in concept/definition and problem/solution organizational structure to find and organize information and comprehend text.	Library Skills and Visual Aids
READ.7.2.2.4.b	Identify and use text written in concept/definition and problem/solution organizational structure to find and organize information and comprehend text.	Paragraph Components: Format and Topic
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Historical Nonfiction: Autobiography (1)
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Historical Nonfiction: Autobiography (2)
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Modern Nonfiction: The Informal Essay
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Organization
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Project: Analyzing Technical Directions
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Project: Newspaper Articles

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READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Reading News Magazines
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Reading a Newspaper: Headlines
READ.7.2.3.1.c	Identify and interpret cause and effect relationships within a literary/narrative text or informational/expository text using evidence from the text (e.g., an article and a poem about wolves or a description of the Underground Railroad from a newspaper article, a short story, or a biographical sketch of a leader in the Underground Railroad).	Reading a Newspaper: Special Features and Advertisements
READ.7.2.3.2.a	Integrate information from multiple sources for a variety of purposes (e.g., create a report, debate an issue, solve a problem).	Project: Analyzing Technical Directions
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	Determining the Author's Message
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	Essay: Character Sketch
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	Essay: Harriet's First Mistress
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	Essay: Writing a Character Sketch
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	Figurative Language
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	History of Drama
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	Interpretation and Communication
READ.7.2.3.3.a	Recognize previously taught literary devices (simile, metaphor, idiom, imagery, exaggeration, irony, sarcasm, humor, and dialogue) and explain how they make the story more interesting and/or convey a message.	Paragraph Components: Unity and Sequence

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READ.7.2.3.3.b	Identify literary devices such as analogy and explain how they make the story more interesting and/or convey a message.	Determining the Author's Message
READ.7.2.3.3.b	Identify literary devices such as analogy and explain how they make the story more interesting and/or convey a message.	Essay: Character Sketch
READ.7.2.3.3.b	Identify literary devices such as analogy and explain how they make the story more interesting and/or convey a message.	Essay: Short Story
READ.7.2.3.3.b	Identify literary devices such as analogy and explain how they make the story more interesting and/or convey a message.	Essay: Writing a Character Sketch
READ.7.2.3.3.b	Identify literary devices such as analogy and explain how they make the story more interesting and/or convey a message.	Interpretation and Communication
READ.7.2.3.3.b	Identify literary devices such as analogy and explain how they make the story more interesting and/or convey a message.	Paragraph Components: Format and Topic
READ.7.2.3.3.b	Identify literary devices such as analogy and explain how they make the story more interesting and/or convey a message.	Paragraph Components: Unity and Sequence
READ.7.2.3.3.c	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	Determining the Author's Message
READ.7.2.3.3.c	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	Paragraph Components: Unity and Sequence
READ.7.2.3.3.c	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	Poetry
READ.7.2.4.2.b	Explain how the author's style of writing impacts the reader's enjoyment and/or comprehension of the text.	Paragraph Components: Format and Topic
READ.7.2.4.2.c	Examine ways in which author's style contributes to imagery, suggests a mood, or otherwise influences an audience.	Figurative Language
READ.7.2.4.2.c	Examine ways in which author's style contributes to imagery, suggests a mood, or otherwise influences an audience.	Paragraph Components: Format and Topic
READ.7.2.4.3.b	Decide if the author's ideas are solid and support your position.	Essay: Character Sketch
READ.7.2.4.3.b	Decide if the author's ideas are solid and support your position.	Essay: Writing a Character Sketch
READ.7.2.4.3.b	Decide if the author's ideas are solid and support your position.	Interpretation and Communication
READ.7.2.4.4.a	Judge the effectiveness of the author's details and arguments for a particular audience and cite examples to justify the decision.	Determining the Author's Message
READ.7.2.4.4.a	Judge the effectiveness of the author's details and arguments for a particular audience and cite examples to justify the decision.	Paragraph Components: Format and Topic
READ.7.2.4.4.a	Judge the effectiveness of the author's details and arguments for a particular audience and cite examples to justify the decision.	Paragraph Components: Unity and Sequence

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READ.7.2.4.4.b	Identify the author's tone and support the answer with text-based evidence.	Literary Critique
READ.7.2.4.4.c	Describe the intended effects of persuasive devices and propaganda techniques.	Paragraph Components: Format and Topic
READ.7.2.4.6.b	Compare the feelings of the authors and/or characters as expressed in multiple texts.	Facts About Characters
READ.7.2.4.6.b	Compare the feelings of the authors and/or characters as expressed in multiple texts.	Introduction and Preface through Page 53
READ.7.2.4.7.a	Infer and explain the author's beliefs and assumptions, citing text-based evidence for choice (e.g., describe an author's background and beliefs and explain how they influence the author's perspective).	Characterization
READ.7.2.4.7.a	Infer and explain the author's beliefs and assumptions, citing text-based evidence for choice (e.g., describe an author's background and beliefs and explain how they influence the author's perspective).	Reading Narratives: Sequencing
READ.7.2.4.7.a	Infer and explain the author's beliefs and assumptions, citing text-based evidence for choice (e.g., describe an author's background and beliefs and explain how they influence the author's perspective).	Report: Poet Biography
READ.7.2.4.7.b	Select, from multiple choices, a sentence that describes the author's or character's reasoning or problem with the reasoning.	Facts About Characters
READ.7.2.4.7.b	Select, from multiple choices, a sentence that describes the author's or character's reasoning or problem with the reasoning.	Introduction and Preface through Page 53
READ.7.3.1.1.b	Use information from various sources to investigate a topic (e.g., read newspaper want ads, websites, consumer reports, yellow pages to decide which products or services to buy).	Project: Analyzing Technical Directions
READ.7.3.1.1.b	Use information from various sources to investigate a topic (e.g., read newspaper want ads, websites, consumer reports, yellow pages to decide which products or services to buy).	Reading News Magazines
READ.7.3.1.1.b	Use information from various sources to investigate a topic (e.g., read newspaper want ads, websites, consumer reports, yellow pages to decide which products or services to buy).	Reading a Newspaper: Headlines
READ.7.3.1.1.c	Follow multi-step directions (e.g., open a locker, fill out school forms, read a technical manual, design a webpage).	Paragraph Components: Format and Topic
READ.7.3.2.2.a	Locate and use functional documents to perform a task (e.g., catalogs, magazines, schedules).	Library Skills and Visual Aids
READ.7.3.4.2.a	Respond to literature written in a variety of genres.	Dramatic Literature
READ.7.3.4.2.a	Respond to literature written in a variety of genres.	Essay: Autobiography
READ.7.3.4.2.a	Respond to literature written in a variety of genres.	Poetry
READ.7.3.4.2.a	Respond to literature written in a variety of genres.	Reading Narratives: What is a Biography?
READ.7.3.4.2.b	Explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader.	Dramatic Literature
READ.7.3.4.2.b	Explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader.	Paragraph Components: Format and Topic

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READ.7.3.4.2.b	Explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader.	Poetry
READ.7.3.4.2.b	Explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader.	Reading Narratives: What is a Biography?
READ.7.3.4.3.a	Identify multiple perspectives from a variety of cultures or historical periods as expressed in literary genres (e.g., changes in medical practices from 1800 to the present).	Elements of Drama
READ.7.3.4.3.a	Identify multiple perspectives from a variety of cultures or historical periods as expressed in literary genres (e.g., changes in medical practices from 1800 to the present).	Pages 53 - 72
READ.7.3.4.3.a	Identify multiple perspectives from a variety of cultures or historical periods as expressed in literary genres (e.g., changes in medical practices from 1800 to the present).	Project: Newspaper Articles
READ.7.3.4.3.a	Identify multiple perspectives from a variety of cultures or historical periods as expressed in literary genres (e.g., changes in medical practices from 1800 to the present).	Reading News Magazines
READ.7.3.4.3.a	Identify multiple perspectives from a variety of cultures or historical periods as expressed in literary genres (e.g., changes in medical practices from 1800 to the present).	Reading a Newspaper: Headlines
READ.7.3.4.3.a	Identify multiple perspectives from a variety of cultures or historical periods as expressed in literary genres (e.g., changes in medical practices from 1800 to the present).	Reading a Newspaper: Special Features and Advertisements
READ.7.3.4.3.a	Identify multiple perspectives from a variety of cultures or historical periods as expressed in literary genres (e.g., changes in medical practices from 1800 to the present).	Report: Drama
READ.7.4.2.1.b	Discuss common reading selections and experiences with others.	Speaking Like a Pro: Using Gestures

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
WRI.8.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., free write, outline, list, T-chart for comparing).	Mastering Confusing Words
WRI.8.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., free write, outline, list, T-chart for comparing).	Punctuation: Parentheses and Italics
WRI.8.1.1.1.a	Generates ideas prior to organizing them and adjusts prewriting strategies accordingly (e.g., free write, outline, list, T-chart for comparing).	Subordination in Sentences (2)
WRI.8.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Convincing Others
WRI.8.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Mastering Confusing Words
WRI.8.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Project: Formal Essay Outline
WRI.8.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Project: Researching to Persuade
WRI.8.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Punctuation: Parentheses and Italics
WRI.8.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Subordination in Sentences (2)
WRI.8.1.1.1.c	Gathers information (e.g., takes notes) from a variety of sources (e.g., Internet, interviews, multimedia, books, periodicals) and chooses an organizer to analyze, synthesize, and evaluate information to plan writing.	Being an Active Reader
WRI.8.1.1.1.c	Gathers information (e.g., takes notes) from a variety of sources (e.g., Internet, interviews, multimedia, books, periodicals) and chooses an organizer to analyze, synthesize, and evaluate information to plan writing.	Evaluating Sources of Information
WRI.8.1.1.1.d	Uses prewriting stage to determine purpose, analyze audience, select form, research background information, formulate theme (for narrative writing) or a thesis, and/or organize text.	Choosing a Topic and Writing a Thesis Statement

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WRI.8.1.1.1.d	Uses prewriting stage to determine purpose, analyze audience, select form, research background information, formulate theme (for narrative writing) or a thesis, and/or organize text.	Compositions
WRI.8.1.1.1.d	Uses prewriting stage to determine purpose, analyze audience, select form, research background information, formulate theme (for narrative writing) or a thesis, and/or organize text.	Report: Thesis Statement
WRI.8.1.1.1.d	Uses prewriting stage to determine purpose, analyze audience, select form, research background information, formulate theme (for narrative writing) or a thesis, and/or organize text.	Using Language Appropriately
WRI.8.1.2.1.a	Refers to prewriting plan.	Mastering Confusing Words
WRI.8.1.2.1.a	Refers to prewriting plan.	Punctuation: Parentheses and Italics
WRI.8.1.2.1.a	Refers to prewriting plan.	Subordination in Sentences (2)
WRI.8.1.2.1.a	Refers to prewriting plan.	Writing the Body
WRI.8.1.2.1.b	Drafts according to audience, purpose, and time.	Mastering Confusing Words
WRI.8.1.2.1.b	Drafts according to audience, purpose, and time.	Punctuation: Parentheses and Italics
WRI.8.1.2.1.b	Drafts according to audience, purpose, and time.	Subordination in Sentences (2)
WRI.8.1.2.1.b	Drafts according to audience, purpose, and time.	Using Language Appropriately
WRI.8.1.2.1.b	Drafts according to audience, purpose, and time.	Writing the Body
WRI.8.1.2.1.c	Drafts by hand and/or electronically.	Mastering Confusing Words
WRI.8.1.2.1.c	Drafts by hand and/or electronically.	Punctuation: Parentheses and Italics
WRI.8.1.2.1.c	Drafts by hand and/or electronically.	Subordination in Sentences (2)
WRI.8.1.2.1.c	Drafts by hand and/or electronically.	Writing the Body
WRI.8.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and explains decision.	Project: Peer Editing
WRI.8.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and explains decision.	Project: Peer Evaluation
WRI.8.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and explains decision.	Writing the Body
WRI.8.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., referring to prewriting, checking sentence beginnings, combining sentences, using "cut and paste" word processing functions).	Mastering Confusing Words
WRI.8.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., referring to prewriting, checking sentence beginnings, combining sentences, using "cut and paste" word processing functions).	Punctuation: Parentheses and Italics
WRI.8.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., referring to prewriting, checking sentence beginnings, combining sentences, using "cut and paste" word processing functions).	Subordination in Sentences (2)
WRI.8.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for variety of sentence structure and length; second reading - checking for clarity and specific word choice; third reading - checking for layers of elaboration and persuasive language).	Mastering Confusing Words

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WRI.8.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for variety of sentence structure and length; second reading - checking for clarity and specific word choice; third reading - checking for layers of elaboration and persuasive language).	Project: Writing the Short Story
WRI.8.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for variety of sentence structure and length; second reading - checking for clarity and specific word choice; third reading - checking for layers of elaboration and persuasive language).	Punctuation: Parentheses and Italics
WRI.8.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for variety of sentence structure and length; second reading - checking for clarity and specific word choice; third reading - checking for layers of elaboration and persuasive language).	Sentences
WRI.8.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for variety of sentence structure and length; second reading - checking for clarity and specific word choice; third reading - checking for layers of elaboration and persuasive language).	Subordination in Sentences (2)
WRI.8.1.3.1.c	Decides if revision is warranted.	Mastering Confusing Words
WRI.8.1.3.1.c	Decides if revision is warranted.	Punctuation: Parentheses and Italics
WRI.8.1.3.1.c	Decides if revision is warranted.	Subordination in Sentences (2)
WRI.8.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., adults, peers, community members, response groups).	Mastering Confusing Words
WRI.8.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., adults, peers, community members, response groups).	Project: Peer Editing
WRI.8.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., adults, peers, community members, response groups).	Project: Peer Evaluation
WRI.8.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., adults, peers, community members, response groups).	Punctuation: Parentheses and Italics
WRI.8.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., adults, peers, community members, response groups).	Subordination in Sentences (2)
WRI.8.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions (e.g., "I don't want to change this because ...").	Mastering Confusing Words
WRI.8.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions (e.g., "I don't want to change this because ...").	Punctuation: Parentheses and Italics
WRI.8.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions (e.g., "I don't want to change this because ...").	Subordination in Sentences (2)
WRI.8.1.3.1.g	Revises typographic devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical writing forms (e.g., lab reports, graphs).	Professional Texts

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WRI.8.1.3.1.g	Revises typographic devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical writing forms (e.g., lab reports, graphs).	Project: Business Letter and Memo
WRI.8.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, peer, adult, electronic or other thesaurus).	Mastering Confusing Words
WRI.8.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, peer, adult, electronic or other thesaurus).	Punctuation: Parentheses and Italics
WRI.8.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, peer, adult, electronic or other thesaurus).	Subordination in Sentences (2)
WRI.8.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, peer, adult, electronic or other thesaurus).	Using a Thesaurus
WRI.8.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, peer, adult, electronic or other thesaurus).	Words
WRI.8.1.4.1.a	Identifies and corrects errors in conventions.	Avoiding the Double Negative
WRI.8.1.4.1.a	Identifies and corrects errors in conventions.	Mastering Confusing Words
WRI.8.1.4.1.a	Identifies and corrects errors in conventions.	Punctuation: Ending a Thought
WRI.8.1.4.1.a	Identifies and corrects errors in conventions.	Punctuation: Parentheses and Italics
WRI.8.1.4.1.a	Identifies and corrects errors in conventions.	Subordination in Sentences (2)
WRI.8.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Avoiding the Double Negative
WRI.8.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Mastering Confusing Words
WRI.8.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Punctuation: Ending a Thought
WRI.8.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Punctuation: Parentheses and Italics
WRI.8.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Subordination in Sentences (2)
WRI.8.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Using the Dictionary and Diacritical Marks
WRI.8.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Words
WRI.8.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., conventions or format guidelines).	Avoiding the Double Negative
WRI.8.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., conventions or format guidelines).	Essay: Play Review
WRI.8.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., conventions or format guidelines).	Mastering Confusing Words

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WRI.8.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., conventions or format guidelines).	Punctuation: Ending a Thought
WRI.8.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., conventions or format guidelines).	Punctuation: Parentheses and Italics
WRI.8.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., conventions or format guidelines).	Subordination in Sentences (2)
WRI.8.1.4.1.d	Proofreads final draft for errors.	Mastering Confusing Words
WRI.8.1.4.1.d	Proofreads final draft for errors.	Project: Final Story
WRI.8.1.4.1.d	Proofreads final draft for errors.	Proofreading
WRI.8.1.4.1.d	Proofreads final draft for errors.	Publish It
WRI.8.1.4.1.d	Proofreads final draft for errors.	Punctuation: Parentheses and Italics
WRI.8.1.4.1.d	Proofreads final draft for errors.	Subordination in Sentences (2)
WRI.8.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., e-portfolio, newsletter, contest, school announcement, yearbook).	Mastering Confusing Words
WRI.8.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., e-portfolio, newsletter, contest, school announcement, yearbook).	Publish It
WRI.8.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., e-portfolio, newsletter, contest, school announcement, yearbook).	Punctuation: Parentheses and Italics
WRI.8.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., e-portfolio, newsletter, contest, school announcement, yearbook).	Subordination in Sentences (2)
WRI.8.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., e-portfolio, newsletter, contest, school announcement, yearbook).	Using Language Appropriately
WRI.8.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., photos, charts, graphs, tables, time lines, diagrams, cartoons).	Mastering Confusing Words
WRI.8.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., photos, charts, graphs, tables, time lines, diagrams, cartoons).	Publish It
WRI.8.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., photos, charts, graphs, tables, time lines, diagrams, cartoons).	Punctuation: Parentheses and Italics
WRI.8.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., photos, charts, graphs, tables, time lines, diagrams, cartoons).	Subordination in Sentences (2)
WRI.8.1.5.1.c	Publishes material in appropriate form (e.g., multimedia presentation) and format (e.g., photos, graphs, text features).	Publish It
WRI.8.1.5.1.d	Publishes using visual and dramatic presentations (e.g., skits, interviews).	Mastering Confusing Words
WRI.8.1.5.1.d	Publishes using visual and dramatic presentations (e.g., skits, interviews).	Publish It
WRI.8.1.5.1.d	Publishes using visual and dramatic presentations (e.g., skits, interviews).	Punctuation: Parentheses and Italics
WRI.8.1.5.1.d	Publishes using visual and dramatic presentations (e.g., skits, interviews).	Subordination in Sentences (2)

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WRI.8.1.5.1.e	Uses available technological resources to produce, design, and publish a professional-looking final product (e.g., charts, overheads, word processor, photo software, presentation software, publishing software).	Mastering Confusing Words
WRI.8.1.5.1.e	Uses available technological resources to produce, design, and publish a professional-looking final product (e.g., charts, overheads, word processor, photo software, presentation software, publishing software).	Project: Final Story
WRI.8.1.5.1.e	Uses available technological resources to produce, design, and publish a professional-looking final product (e.g., charts, overheads, word processor, photo software, presentation software, publishing software).	Punctuation: Parentheses and Italics
WRI.8.1.5.1.e	Uses available technological resources to produce, design, and publish a professional-looking final product (e.g., charts, overheads, word processor, photo software, presentation software, publishing software).	Subordination in Sentences (2)
WRI.8.1.5.1.e	Uses available technological resources to produce, design, and publish a professional-looking final product (e.g., charts, overheads, word processor, photo software, presentation software, publishing software).	Writing the Body
WRI.8.1.6.1.b	Edits as needed at any stage.	Avoiding the Double Negative
WRI.8.1.6.1.b	Edits as needed at any stage.	Mastering Confusing Words
WRI.8.1.6.1.b	Edits as needed at any stage.	Punctuation: Ending a Thought
WRI.8.1.6.1.b	Edits as needed at any stage.	Punctuation: Parentheses and Italics
WRI.8.1.6.1.b	Edits as needed at any stage.	Subordination in Sentences (2)
WRI.8.1.6.2.a	Delegates parts of process to team members (e.g., one team member publishes, one edits, and another presents).	Avoiding the Double Negative
WRI.8.1.6.2.a	Delegates parts of process to team members (e.g., one team member publishes, one edits, and another presents).	Nonverbal Communication
WRI.8.1.6.2.a	Delegates parts of process to team members (e.g., one team member publishes, one edits, and another presents).	Publish It
WRI.8.1.6.2.a	Delegates parts of process to team members (e.g., one team member publishes, one edits, and another presents).	Punctuation: Ending a Thought
WRI.8.1.6.2.b	Collaborates on drafting, revising, and editing.	Avoiding the Double Negative
WRI.8.1.6.2.b	Collaborates on drafting, revising, and editing.	Punctuation: Ending a Thought
WRI.8.1.6.2.b	Collaborates on drafting, revising, and editing.	Writing the Body
WRI.8.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., presentation with slideshow).	Mastering Confusing Words
WRI.8.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., presentation with slideshow).	Project: Final Story
WRI.8.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., presentation with slideshow).	Publish It
WRI.8.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., presentation with slideshow).	Punctuation: Parentheses and Italics
WRI.8.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., presentation with slideshow).	Subordination in Sentences (2)
WRI.8.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Mastering Confusing Words
WRI.8.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Punctuation: Parentheses and Italics
WRI.8.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Subordination in Sentences (2)

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WRI.8.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Writing the Body
WRI.8.1.6.3.b	Writes to meet a deadline.	Mastering Confusing Words
WRI.8.1.6.3.b	Writes to meet a deadline.	Punctuation: Parentheses and Italics
WRI.8.1.6.3.b	Writes to meet a deadline.	Subordination in Sentences (2)
WRI.8.1.6.3.c	Creates a management timeline/flow chart for multi-week written projects (e.g., portfolios, research papers, ISearch papers).	Mastering Confusing Words
WRI.8.1.6.3.c	Creates a management timeline/flow chart for multi-week written projects (e.g., portfolios, research papers, ISearch papers).	Punctuation: Parentheses and Italics
WRI.8.1.6.3.c	Creates a management timeline/flow chart for multi-week written projects (e.g., portfolios, research papers, ISearch papers).	Subordination in Sentences (2)
WRI.8.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when writing on-demand, in-class pieces.	Avoiding the Double Negative
WRI.8.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when writing on-demand, in-class pieces.	Punctuation: Ending a Thought
WRI.8.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when writing on-demand, in-class pieces.	Writing the Body
WRI.8.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., research papers, I-Search papers).	Avoiding the Double Negative
WRI.8.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., research papers, I-Search papers).	Punctuation: Ending a Thought
WRI.8.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., research papers, I-Search papers).	Writing the Body
WRI.8.2.1.1.a	Identifies an intended audience.	Mastering Confusing Words
WRI.8.2.1.1.a	Identifies an intended audience.	Punctuation: Parentheses and Italics
WRI.8.2.1.1.a	Identifies an intended audience.	Subordination in Sentences (2)
WRI.8.2.1.1.a	Identifies an intended audience.	Using Language Appropriately
WRI.8.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Mastering Confusing Words
WRI.8.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Mood and Tone: Rikki-Tikki-Tavi
WRI.8.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Project: Prewriting Setting, Mood, Tone, and Theme
WRI.8.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Project: Writing the Short Story
WRI.8.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Punctuation: Parentheses and Italics
WRI.8.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Subordination in Sentences (2)
WRI.8.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Using Language Appropriately
WRI.8.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., through word choice, topics).	Mastering Confusing Words
WRI.8.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., through word choice, topics).	Project: Writing the Short Story

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WRI.8.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., through word choice, topics).	Punctuation: Parentheses and Italics
WRI.8.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., through word choice, topics).	Subordination in Sentences (2)
WRI.8.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., through word choice, topics).	Using Language Appropriately
WRI.8.2.1.1.d	Describes how a particular audience may interpret a text (e.g., by defining terms, using formal language).	Essay: Response to Helen Keller's Autobiography
WRI.8.2.1.1.d	Describes how a particular audience may interpret a text (e.g., by defining terms, using formal language).	Mastering Confusing Words
WRI.8.2.1.1.d	Describes how a particular audience may interpret a text (e.g., by defining terms, using formal language).	Punctuation: Parentheses and Italics
WRI.8.2.1.1.d	Describes how a particular audience may interpret a text (e.g., by defining terms, using formal language).	Subordination in Sentences (2)
WRI.8.2.1.1.d	Describes how a particular audience may interpret a text (e.g., by defining terms, using formal language).	Using Language Appropriately
WRI.8.2.1.1.e	Anticipates readers' questions and writes accordingly.	Mastering Confusing Words
WRI.8.2.1.1.e	Anticipates readers' questions and writes accordingly.	Punctuation: Parentheses and Italics
WRI.8.2.1.1.e	Anticipates readers' questions and writes accordingly.	Subordination in Sentences (2)
WRI.8.2.1.1.e	Anticipates readers' questions and writes accordingly.	Using Language Appropriately
WRI.8.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., writes to persuade community to build a skate park, includes narratives/poetry in portfolio).	Mastering Confusing Words
WRI.8.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., writes to persuade community to build a skate park, includes narratives/poetry in portfolio).	Project: Truth and Propaganda
WRI.8.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., writes to persuade community to build a skate park, includes narratives/poetry in portfolio).	Punctuation: Parentheses and Italics
WRI.8.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., writes to persuade community to build a skate park, includes narratives/poetry in portfolio).	Subordination in Sentences (2)
WRI.8.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., writes to persuade community to build a skate park, includes narratives/poetry in portfolio).	Using Language Appropriately
WRI.8.2.2.1.d	Writes to learn (e.g., KWL Plus; summary; double-entry journal in math, science, social studies).	Mastering Confusing Words
WRI.8.2.2.1.d	Writes to learn (e.g., KWL Plus; summary; double-entry journal in math, science, social studies).	Punctuation: Parentheses and Italics
WRI.8.2.2.1.d	Writes to learn (e.g., KWL Plus; summary; double-entry journal in math, science, social studies).	Subordination in Sentences (2)
WRI.8.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a narrative told using an explanation, a character sketch, a free verse poem, a dialogue, a newspaper article, a document, and a diary entry).	Mastering Confusing Words

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WRI.8.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a narrative told using an explanation, a character sketch, a free verse poem, a dialogue, a newspaper article, a document, and a diary entry).	Punctuation: Parentheses and Italics
WRI.8.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a narrative told using an explanation, a character sketch, a free verse poem, a dialogue, a newspaper article, a document, and a diary entry).	Subordination in Sentences (2)
WRI.8.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Essay: Short Story Response
WRI.8.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Nonfiction Genres: Biographies
WRI.8.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Nonfiction Literature: Helen Keller (1)
WRI.8.2.3.1.c	Produces a variety of new forms/ genres.	Mastering Confusing Words
WRI.8.2.3.1.c	Produces a variety of new forms/ genres.	Punctuation: Parentheses and Italics
WRI.8.2.3.1.c	Produces a variety of new forms/ genres.	Subordination in Sentences (2)
WRI.8.2.3.1.d.1	reflective journals	Mastering Confusing Words
WRI.8.2.3.1.d.1	reflective journals	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.1	reflective journals	Subordination in Sentences (2)
WRI.8.2.3.1.d.2	fictional stories (e.g., science fiction)	Mastering Confusing Words
WRI.8.2.3.1.d.2	fictional stories (e.g., science fiction)	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.2	fictional stories (e.g., science fiction)	Subordination in Sentences (2)
WRI.8.2.3.1.d.3	scripts (e.g., television, movie, radio)	Mastering Confusing Words
WRI.8.2.3.1.d.3	scripts (e.g., television, movie, radio)	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.3	scripts (e.g., television, movie, radio)	Subordination in Sentences (2)
WRI.8.2.3.1.d.4	essays/speeches (e.g., cause/effect, problem/solution)	Mastering Confusing Words
WRI.8.2.3.1.d.4	essays/speeches (e.g., cause/effect, problem/solution)	Project: Analyzing a Historical Formal Essay
WRI.8.2.3.1.d.4	essays/speeches (e.g., cause/effect, problem/solution)	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.4	essays/speeches (e.g., cause/effect, problem/solution)	Report: Analyzing a Formal Magazine Essay
WRI.8.2.3.1.d.4	essays/speeches (e.g., cause/effect, problem/solution)	Subordination in Sentences (2)
WRI.8.2.3.1.d.5	application forms	Mastering Confusing Words
WRI.8.2.3.1.d.5	application forms	Professional Texts
WRI.8.2.3.1.d.5	application forms	Project: Business Letter and Memo
WRI.8.2.3.1.d.5	application forms	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.5	application forms	Subordination in Sentences (2)
WRI.8.2.3.1.d.6	minutes	Mastering Confusing Words
WRI.8.2.3.1.d.6	minutes	Professional Texts
WRI.8.2.3.1.d.6	minutes	Project: Business Letter and Memo
WRI.8.2.3.1.d.6	minutes	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.6	minutes	Subordination in Sentences (2)
WRI.8.2.3.1.d.7	debates	Mastering Confusing Words
WRI.8.2.3.1.d.7	debates	Professional Texts

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WRI.8.2.3.1.d.7	debates	Project: Business Letter and Memo
WRI.8.2.3.1.d.7	debates	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.7	debates	Subordination in Sentences (2)
WRI.8.2.3.1.d.8	scientific reports	Mastering Confusing Words
WRI.8.2.3.1.d.8	scientific reports	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.8	scientific reports	Subordination in Sentences (2)
WRI.8.2.3.1.d.9	zines	Mastering Confusing Words
WRI.8.2.3.1.d.9	zines	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.9	zines	Subordination in Sentences (2)
WRI.8.2.3.1.d.10	narrative poems	Mastering Confusing Words
WRI.8.2.3.1.d.10	narrative poems	Punctuation: Parentheses and Italics
WRI.8.2.3.1.d.10	narrative poems	Subordination in Sentences (2)
WRI.8.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., scientific investigation).	Mastering Confusing Words
WRI.8.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., scientific investigation).	Punctuation: Parentheses and Italics
WRI.8.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., scientific investigation).	Subordination in Sentences (2)
WRI.8.2.4.1.b	Produces technical and nontechnical documents for career audiences (e.g., letters, applications, lab reports), taking into consideration technical formats (e.g., fonts, layout, style guides).	Professional Texts
WRI.8.2.4.1.b	Produces technical and nontechnical documents for career audiences (e.g., letters, applications, lab reports), taking into consideration technical formats (e.g., fonts, layout, style guides).	Project: Business Letter and Memo
WRI.8.2.4.1.b	Produces technical and nontechnical documents for career audiences (e.g., letters, applications, lab reports), taking into consideration technical formats (e.g., fonts, layout, style guides).	Using Language Appropriately
WRI.8.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., lab report that includes data recorded on graphs).	Professional Texts
WRI.8.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., lab report that includes data recorded on graphs).	Project: Business Letter and Memo
WRI.8.3.1.1.a	Presents a central idea, theme, and manageable thesis while maintaining a consistent focus (e.g., "Commercials influence the spending habits of teenagers.").	Choosing a Topic and Writing a Thesis Statement
WRI.8.3.1.1.a	Presents a central idea, theme, and manageable thesis while maintaining a consistent focus (e.g., "Commercials influence the spending habits of teenagers.").	Compositions
WRI.8.3.1.1.a	Presents a central idea, theme, and manageable thesis while maintaining a consistent focus (e.g., "Commercials influence the spending habits of teenagers.").	Mastering Confusing Words
WRI.8.3.1.1.a	Presents a central idea, theme, and manageable thesis while maintaining a consistent focus (e.g., "Commercials influence the spending habits of teenagers.").	Punctuation: Parentheses and Italics

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WRI.8.3.1.1.a	Presents a central idea, theme, and manageable thesis while maintaining a consistent focus (e.g., "Commercials influence the spending habits of teenagers.").	Report: Thesis Statement
WRI.8.3.1.1.a	Presents a central idea, theme, and manageable thesis while maintaining a consistent focus (e.g., "Commercials influence the spending habits of teenagers.").	Subordination in Sentences (2)
WRI.8.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Choosing a Topic and Writing a Thesis Statement
WRI.8.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Mastering Confusing Words
WRI.8.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Punctuation: Parentheses and Italics
WRI.8.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Subordination in Sentences (2)
WRI.8.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Writing the Introduction
WRI.8.3.1.1.c	Uses personal experiences, observations, and/or research to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate anecdotes to explain or persuade; information synthesized from a variety of sources to support an argument).	Compositions
WRI.8.3.1.1.c	Uses personal experiences, observations, and/or research to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate anecdotes to explain or persuade; information synthesized from a variety of sources to support an argument).	Essay: Play Review
WRI.8.3.1.1.c	Uses personal experiences, observations, and/or research to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate anecdotes to explain or persuade; information synthesized from a variety of sources to support an argument).	Project: Capitalization and Punctuation in Writing
WRI.8.3.1.1.c	Uses personal experiences, observations, and/or research to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate anecdotes to explain or persuade; information synthesized from a variety of sources to support an argument).	Writing the Conclusion
WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Conflict: The Monkey's Paw

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WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Narration and Point of View
WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Plot: The Lady or the Tiger
WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Project: Characters and Point of View
WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Project: Prewriting Setting, Mood, Tone, and Theme
WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Project: Prewriting the Plot
WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Project: Writing the Short Story
WRI.8.3.1.1.d	Develops convincing characters (e.g., using details of thoughts, actions, appearance, and speech) and convincing settings (e.g., through the character's point of view or described during action) within a range of plots (e.g., suspense, flashback) in narratives.	Setting: How the Rhinoceros Got His Skin
WRI.8.3.1.2.a	Writes unified, cohesive paragraphs (e.g., inverted pyramid: broad topic, narrowing focus, specific details).	Paragraphs
WRI.8.3.1.2.a	Writes unified, cohesive paragraphs (e.g., inverted pyramid: broad topic, narrowing focus, specific details).	Project: Capitalization and Punctuation in Writing
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Mastering Confusing Words
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Project: Formal Essay Outline
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Project: Prewriting Setting, Mood, Tone, and Theme
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Project: Writing the Short Story
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Punctuation: Parentheses and Italics
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Report: Thesis Statement
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Setting: How the Rhinoceros Got His Skin

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WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Subordination in Sentences (2)
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Writing the Body
WRI.8.3.1.2.b	Develops a compelling introduction (e.g., startling statement, setting/ description, quotation).	Writing the Introduction
WRI.8.3.1.2.c	Composes an effective ending/ conclusion that is more than a repetition of the introduction (e.g., response to a "so what" question, connection to bigger picture).	Compositions
WRI.8.3.1.2.c	Composes an effective ending/ conclusion that is more than a repetition of the introduction (e.g., response to a "so what" question, connection to bigger picture).	Project: Capitalization and Punctuation in Writing
WRI.8.3.1.2.c	Composes an effective ending/ conclusion that is more than a repetition of the introduction (e.g., response to a "so what" question, connection to bigger picture).	Project: Formal Essay Outline
WRI.8.3.1.2.c	Composes an effective ending/ conclusion that is more than a repetition of the introduction (e.g., response to a "so what" question, connection to bigger picture).	Report: Thesis Statement
WRI.8.3.1.2.c	Composes an effective ending/ conclusion that is more than a repetition of the introduction (e.g., response to a "so what" question, connection to bigger picture).	Writing the Conclusion
WRI.8.3.1.2.c	Composes an effective ending/ conclusion that is more than a repetition of the introduction (e.g., response to a "so what" question, connection to bigger picture).	Writing the Introduction
WRI.8.3.1.2.d	Uses transitional words and phrases between paragraphs to show logical relationships among ideas (e.g., moreover ..., because of this issue ..., equally important ..., as opposed to ...).	Mastering Confusing Words
WRI.8.3.1.2.d	Uses transitional words and phrases between paragraphs to show logical relationships among ideas (e.g., moreover ..., because of this issue ..., equally important ..., as opposed to ...).	Punctuation: Parentheses and Italics
WRI.8.3.1.2.d	Uses transitional words and phrases between paragraphs to show logical relationships among ideas (e.g., moreover ..., because of this issue ..., equally important ..., as opposed to ...).	Subordination in Sentences (2)
WRI.8.3.1.2.e.2	comparison (e.g., all similarities grouped together and all differences grouped together)	Mastering Confusing Words
WRI.8.3.1.2.e.2	comparison (e.g., all similarities grouped together and all differences grouped together)	Punctuation: Parentheses and Italics
WRI.8.3.1.2.e.2	comparison (e.g., all similarities grouped together and all differences grouped together)	Subordination in Sentences (2)
WRI.8.3.1.2.e.3	persuasion (e.g., vary sequence of arguments)	Convincing Others
WRI.8.3.1.2.e.3	persuasion (e.g., vary sequence of arguments)	Identifying Slanted News and Evaluating Statistics
WRI.8.3.1.2.e.3	persuasion (e.g., vary sequence of arguments)	Navigating Organizational Patterns
WRI.8.3.1.2.e.3	persuasion (e.g., vary sequence of arguments)	Project: Formal Essay Outline
WRI.8.3.1.2.e.3	persuasion (e.g., vary sequence of arguments)	Project: Researching to Persuade
WRI.8.3.1.2.e.3	persuasion (e.g., vary sequence of arguments)	Propaganda Techniques
WRI.8.3.1.2.e.4	narrative (e.g., problem-solutionoutcome)	Navigating Organizational Patterns
WRI.8.3.1.2.e.4	narrative (e.g., problem-solutionoutcome)	Project: Autobiography Technique
WRI.8.3.1.2.e.4	narrative (e.g., problem-solutionoutcome)	Storytelling: Occurance at Owl Creek Bridge

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WRI.8.3.1.2.f	Emphasizes key ideas through appropriate use of text features (e.g., headings, charts, diagrams, graphs, bullets).	Finding the Main Idea
WRI.8.3.1.2.f	Emphasizes key ideas through appropriate use of text features (e.g., headings, charts, diagrams, graphs, bullets).	Functional Texts
WRI.8.3.1.2.f	Emphasizes key ideas through appropriate use of text features (e.g., headings, charts, diagrams, graphs, bullets).	Mastering Confusing Words
WRI.8.3.1.2.f	Emphasizes key ideas through appropriate use of text features (e.g., headings, charts, diagrams, graphs, bullets).	Punctuation: Parentheses and Italics
WRI.8.3.1.2.f	Emphasizes key ideas through appropriate use of text features (e.g., headings, charts, diagrams, graphs, bullets).	Reading for Meaning
WRI.8.3.1.2.f	Emphasizes key ideas through appropriate use of text features (e.g., headings, charts, diagrams, graphs, bullets).	Subordination in Sentences (2)
WRI.8.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Mastering Confusing Words
WRI.8.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Punctuation: Parentheses and Italics
WRI.8.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Subordination in Sentences (2)
WRI.8.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Using Language Appropriately
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Convincing Others
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Identifying Slanted News and Evaluating Statistics
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Mastering Confusing Words
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Project: Formal Essay Outline
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Project: Researching to Persuade
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Pronouns
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Propaganda Techniques
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Punctuation: Parentheses and Italics
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Punctuation: The Hyphen
WRI.8.3.2.1.b	Writes in an individual, informed voice in expository, technical, and persuasive writing.	Subordination in Sentences (2)
WRI.8.3.2.1.c	Writes from more than one point of view or perspective (e.g., cultural perspective for a character's viewpoint in history or literature, first person for ISearch papers, third person for mathematical communication, first or third person for persuasive writing).	Convincing Others

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WRI.8.3.2.1.c	Writes from more than one point of view or perspective (e.g., cultural perspective for a character's viewpoint in history or literature, first person for ISearch papers, third person for mathematical communication, first or third person for persuasive writing).	Narration and Point of View
WRI.8.3.2.1.c	Writes from more than one point of view or perspective (e.g., cultural perspective for a character's viewpoint in history or literature, first person for ISearch papers, third person for mathematical communication, first or third person for persuasive writing).	Project: Formal Essay Outline
WRI.8.3.2.1.c	Writes from more than one point of view or perspective (e.g., cultural perspective for a character's viewpoint in history or literature, first person for ISearch papers, third person for mathematical communication, first or third person for persuasive writing).	Project: Researching to Persuade
WRI.8.3.2.2.a	Selects and uses precise language to persuade or inform.	Project: Truth and Propaganda
WRI.8.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Nonfiction Genres: Poetry vs. Prose
WRI.8.3.2.2.c	Uses the vernacular appropriately.	Identifying Slanted News and Evaluating Statistics
WRI.8.3.2.2.c	Uses the vernacular appropriately.	Propaganda Techniques
WRI.8.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., meteorologist, climatology).	Mastering Confusing Words
WRI.8.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., meteorologist, climatology).	Project: Writing the Short Story
WRI.8.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., meteorologist, climatology).	Punctuation: Parentheses and Italics
WRI.8.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., meteorologist, climatology).	Subordination in Sentences (2)
WRI.8.3.2.2.e	Selects and uses persuasive techniques (e.g., powerful and emotional imagery).	Convincing Others
WRI.8.3.2.2.e	Selects and uses persuasive techniques (e.g., powerful and emotional imagery).	Identifying Slanted News and Evaluating Statistics
WRI.8.3.2.2.e	Selects and uses persuasive techniques (e.g., powerful and emotional imagery).	Persuasion: Spoken Factors
WRI.8.3.2.2.e	Selects and uses persuasive techniques (e.g., powerful and emotional imagery).	Propaganda Techniques
WRI.8.3.2.2.f	Selects and uses literary devices (e.g., metaphor, symbols, analogies).	Reading and Experiencing Poetry
WRI.8.3.2.2.h	Considers connotation and denotation when selecting works (plump vs. fat, shack vs. house).	Essay: Using Connotations
WRI.8.3.2.2.h	Considers connotation and denotation when selecting works (plump vs. fat, shack vs. house).	Mastering Confusing Words
WRI.8.3.2.2.h	Considers connotation and denotation when selecting works (plump vs. fat, shack vs. house).	Punctuation: Parentheses and Italics
WRI.8.3.2.2.h	Considers connotation and denotation when selecting works (plump vs. fat, shack vs. house).	Subordination in Sentences (2)
WRI.8.3.2.3.a	Writes a variety of sentence structures and lengths to create a cadence appropriate for audience, purpose, and form.	Sentences
WRI.8.3.2.3.a	Writes a variety of sentence structures and lengths to create a cadence appropriate for audience, purpose, and form.	Using Language Appropriately

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WRI.8.3.2.3.b	Writes a variety of sentence structures (e.g., inverts sentence to draw attention to the point being made in an essay: "Down the stream swam the salmon fingerlings.").	Mastering Confusing Words
WRI.8.3.2.3.b	Writes a variety of sentence structures (e.g., inverts sentence to draw attention to the point being made in an essay: "Down the stream swam the salmon fingerlings.").	Project: Analyzing a Historical Formal Essay
WRI.8.3.2.3.b	Writes a variety of sentence structures (e.g., inverts sentence to draw attention to the point being made in an essay: "Down the stream swam the salmon fingerlings.").	Punctuation: Parentheses and Italics
WRI.8.3.2.3.b	Writes a variety of sentence structures (e.g., inverts sentence to draw attention to the point being made in an essay: "Down the stream swam the salmon fingerlings.").	Report: Analyzing a Formal Magazine Essay
WRI.8.3.2.3.b	Writes a variety of sentence structures (e.g., inverts sentence to draw attention to the point being made in an essay: "Down the stream swam the salmon fingerlings.").	Sentences
WRI.8.3.2.3.b	Writes a variety of sentence structures (e.g., inverts sentence to draw attention to the point being made in an essay: "Down the stream swam the salmon fingerlings.").	Subordination in Sentences (2)
WRI.8.3.2.3.c	Uses a variety of line lengths and rhythms for effect in narrative poems.	Mastering Confusing Words
WRI.8.3.2.3.c	Uses a variety of line lengths and rhythms for effect in narrative poems.	Punctuation: Parentheses and Italics
WRI.8.3.2.3.c	Uses a variety of line lengths and rhythms for effect in narrative poems.	Subordination in Sentences (2)
WRI.8.3.3.2.a	Uses spelling rules and patterns from previous grades.	Mastering Confusing Words
WRI.8.3.3.2.a	Uses spelling rules and patterns from previous grades.	Punctuation: Parentheses and Italics
WRI.8.3.3.2.a	Uses spelling rules and patterns from previous grades.	Subordination in Sentences (2)
WRI.8.3.3.2.c.1	homophones (e.g., capital and capitol)	Capitalization
WRI.8.3.3.2.c.1	homophones (e.g., capital and capitol)	Mastering Confusing Words
WRI.8.3.3.2.c.1	homophones (e.g., capital and capitol)	Punctuation: Parentheses and Italics
WRI.8.3.3.2.c.1	homophones (e.g., capital and capitol)	Subordination in Sentences (2)
WRI.8.3.3.2.c.2	affixes (e.g., dis-, ir-, -ist -ism)	Learning Morphemes
WRI.8.3.3.2.c.2	affixes (e.g., dis-, ir-, -ist -ism)	Mastering Confusing Words
WRI.8.3.3.2.c.2	affixes (e.g., dis-, ir-, -ist -ism)	Punctuation: Parentheses and Italics
WRI.8.3.3.2.c.2	affixes (e.g., dis-, ir-, -ist -ism)	Subordination in Sentences (2)
WRI.8.3.3.2.c.2	affixes (e.g., dis-, ir-, -ist -ism)	The Novel
WRI.8.3.3.2.c.2	affixes (e.g., dis-, ir-, -ist -ism)	Unlocking Word Meaning
WRI.8.3.3.2.c.4	words from other languages (e.g., arena, buffet, souffle, lariat)	Mastering Confusing Words
WRI.8.3.3.2.c.4	words from other languages (e.g., arena, buffet, souffle, lariat)	Punctuation: Parentheses and Italics
WRI.8.3.3.2.c.4	words from other languages (e.g., arena, buffet, souffle, lariat)	Subordination in Sentences (2)
WRI.8.3.3.2.c.5	frequently misspelled words (e.g., accommodation, cemetery, receive)	Mastering Confusing Words
WRI.8.3.3.2.c.5	frequently misspelled words (e.g., accommodation, cemetery, receive)	Punctuation: Parentheses and Italics
WRI.8.3.3.2.c.5	frequently misspelled words (e.g., accommodation, cemetery, receive)	Subordination in Sentences (2)
WRI.8.3.3.3.a	Uses capitalization rules from previous grades.	Capitalization
WRI.8.3.3.3.a	Uses capitalization rules from previous grades.	Mastering Confusing Words

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WRI.8.3.3.3.a	Uses capitalization rules from previous grades.	Punctuation: Parentheses and Italics
WRI.8.3.3.3.a	Uses capitalization rules from previous grades.	Subordination in Sentences (2)
WRI.8.3.3.3.b	Capitalizes the title of a specific course (e.g., History 9A as opposed to history).	Capitalization
WRI.8.3.3.3.b	Capitalizes the title of a specific course (e.g., History 9A as opposed to history).	Mastering Confusing Words
WRI.8.3.3.3.b	Capitalizes the title of a specific course (e.g., History 9A as opposed to history).	Punctuation: Parentheses and Italics
WRI.8.3.3.3.b	Capitalizes the title of a specific course (e.g., History 9A as opposed to history).	Subordination in Sentences (2)
WRI.8.3.3.3.c	Uses resources to check capitalization.	Capitalization
WRI.8.3.3.3.c	Uses resources to check capitalization.	Mastering Confusing Words
WRI.8.3.3.3.c	Uses resources to check capitalization.	Punctuation: Parentheses and Italics
WRI.8.3.3.3.c	Uses resources to check capitalization.	Subordination in Sentences (2)
WRI.8.3.3.4.a	Uses punctuation rules from previous grades.	Mastering Confusing Words
WRI.8.3.3.4.a	Uses punctuation rules from previous grades.	Punctuation: Ending a Thought
WRI.8.3.3.4.a	Uses punctuation rules from previous grades.	Punctuation: Parentheses and Italics
WRI.8.3.3.4.a	Uses punctuation rules from previous grades.	Punctuation: The Hyphen
WRI.8.3.3.4.a	Uses punctuation rules from previous grades.	Subordination in Sentences (2)
WRI.8.3.3.4.b	Uses commas to enclose titles (e.g., Mohammed Abdul, M.D., is a pediatrician.).	Mastering Confusing Words
WRI.8.3.3.4.b	Uses commas to enclose titles (e.g., Mohammed Abdul, M.D., is a pediatrician.).	Punctuation: Ending a Thought
WRI.8.3.3.4.b	Uses commas to enclose titles (e.g., Mohammed Abdul, M.D., is a pediatrician.).	Punctuation: Linking Ideas
WRI.8.3.3.4.b	Uses commas to enclose titles (e.g., Mohammed Abdul, M.D., is a pediatrician.).	Punctuation: Parentheses and Italics
WRI.8.3.3.4.b	Uses commas to enclose titles (e.g., Mohammed Abdul, M.D., is a pediatrician.).	Punctuation: The Hyphen
WRI.8.3.3.4.b	Uses commas to enclose titles (e.g., Mohammed Abdul, M.D., is a pediatrician.).	Subordination in Sentences (2)
WRI.8.3.3.4.c	Uses commas for emphasis or clarity (e.g., What the cook does, does affect the meal.).	Mastering Confusing Words
WRI.8.3.3.4.c	Uses commas for emphasis or clarity (e.g., What the cook does, does affect the meal.).	Punctuation: Ending a Thought
WRI.8.3.3.4.c	Uses commas for emphasis or clarity (e.g., What the cook does, does affect the meal.).	Punctuation: Linking Ideas
WRI.8.3.3.4.c	Uses commas for emphasis or clarity (e.g., What the cook does, does affect the meal.).	Punctuation: Parentheses and Italics
WRI.8.3.3.4.c	Uses commas for emphasis or clarity (e.g., What the cook does, does affect the meal.).	Punctuation: The Hyphen
WRI.8.3.3.4.c	Uses commas for emphasis or clarity (e.g., What the cook does, does affect the meal.).	Subordination in Sentences (2)
WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Mastering Confusing Words
WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Punctuation: Ending a Thought
WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Punctuation: Interrupting a Thought
WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Punctuation: Linking Ideas
WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Punctuation: Parentheses and Italics
WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Punctuation: Quotation Marks
WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Punctuation: The Hyphen

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WRI.8.3.3.4.d	Places commas and periods inside quotation marks.	Subordination in Sentences (2)
WRI.8.3.3.4.e	Uses apostrophes to form plurals of letters or numbers (e.g., Know your ABC's.).	Mastering Confusing Words
WRI.8.3.3.4.e	Uses apostrophes to form plurals of letters or numbers (e.g., Know your ABC's.).	Punctuation: Ending a Thought
WRI.8.3.3.4.e	Uses apostrophes to form plurals of letters or numbers (e.g., Know your ABC's.).	Punctuation: Parentheses and Italics
WRI.8.3.3.4.e	Uses apostrophes to form plurals of letters or numbers (e.g., Know your ABC's.).	Punctuation: The Apostrophe
WRI.8.3.3.4.e	Uses apostrophes to form plurals of letters or numbers (e.g., Know your ABC's.).	Punctuation: The Hyphen
WRI.8.3.3.4.e	Uses apostrophes to form plurals of letters or numbers (e.g., Know your ABC's.).	Subordination in Sentences (2)
WRI.8.3.3.4.f	Uses apostrophes in possessive compound nouns (e.g., the mother-in-law's birthday).	Mastering Confusing Words
WRI.8.3.3.4.f	Uses apostrophes in possessive compound nouns (e.g., the mother-in-law's birthday).	Punctuation: Ending a Thought
WRI.8.3.3.4.f	Uses apostrophes in possessive compound nouns (e.g., the mother-in-law's birthday).	Punctuation: Parentheses and Italics
WRI.8.3.3.4.f	Uses apostrophes in possessive compound nouns (e.g., the mother-in-law's birthday).	Punctuation: The Hyphen
WRI.8.3.3.4.f	Uses apostrophes in possessive compound nouns (e.g., the mother-in-law's birthday).	Subordination in Sentences (2)
WRI.8.3.3.4.g	Uses a colon between title and subtitle (e.g., Write Source 2000: A Guide to Thinking, Writing and Learning).	Mastering Confusing Words
WRI.8.3.3.4.g	Uses a colon between title and subtitle (e.g., Write Source 2000: A Guide to Thinking, Writing and Learning).	Punctuation: Ending a Thought
WRI.8.3.3.4.g	Uses a colon between title and subtitle (e.g., Write Source 2000: A Guide to Thinking, Writing and Learning).	Punctuation: Linking Ideas
WRI.8.3.3.4.g	Uses a colon between title and subtitle (e.g., Write Source 2000: A Guide to Thinking, Writing and Learning).	Punctuation: Parentheses and Italics
WRI.8.3.3.4.g	Uses a colon between title and subtitle (e.g., Write Source 2000: A Guide to Thinking, Writing and Learning).	Punctuation: The Hyphen
WRI.8.3.3.4.g	Uses a colon between title and subtitle (e.g., Write Source 2000: A Guide to Thinking, Writing and Learning).	Subordination in Sentences (2)
WRI.8.3.3.4.h.1	in a fraction	Mastering Confusing Words
WRI.8.3.3.4.h.1	in a fraction	Punctuation: Ending a Thought
WRI.8.3.3.4.h.1	in a fraction	Punctuation: Parentheses and Italics
WRI.8.3.3.4.h.1	in a fraction	Punctuation: The Hyphen
WRI.8.3.3.4.h.1	in a fraction	Subordination in Sentences (2)
WRI.8.3.3.4.h.2	to show choice	Mastering Confusing Words
WRI.8.3.3.4.h.2	to show choice	Punctuation: Ending a Thought
WRI.8.3.3.4.h.2	to show choice	Punctuation: Parentheses and Italics
WRI.8.3.3.4.h.2	to show choice	Punctuation: The Hyphen
WRI.8.3.3.4.h.2	to show choice	Subordination in Sentences (2)
WRI.8.3.3.4.i	Uses resources to check punctuation.	Mastering Confusing Words
WRI.8.3.3.4.i	Uses resources to check punctuation.	Punctuation: Ending a Thought
WRI.8.3.3.4.i	Uses resources to check punctuation.	Punctuation: Parentheses and Italics
WRI.8.3.3.4.i	Uses resources to check punctuation.	Punctuation: The Hyphen
WRI.8.3.3.4.i	Uses resources to check punctuation.	Subordination in Sentences (2)
WRI.8.3.3.5.a	Applies usage rules from previous grades.	Avoiding the Double Negative

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WRI.8.3.3.5.a	Applies usage rules from previous grades.	Mastering Confusing Words
WRI.8.3.3.5.a	Applies usage rules from previous grades.	Punctuation: Ending a Thought
WRI.8.3.3.5.a	Applies usage rules from previous grades.	Punctuation: Following an Introduction
WRI.8.3.3.5.a	Applies usage rules from previous grades.	Punctuation: Parentheses and Italics
WRI.8.3.3.5.a	Applies usage rules from previous grades.	Subordination in Sentences (2)
WRI.8.3.3.5.b	Identifies and corrects past grammar and usage issues.	Avoiding the Double Negative
WRI.8.3.3.5.b	Identifies and corrects past grammar and usage issues.	Mastering Confusing Words
WRI.8.3.3.5.b	Identifies and corrects past grammar and usage issues.	Punctuation: Ending a Thought
WRI.8.3.3.5.b	Identifies and corrects past grammar and usage issues.	Punctuation: Following an Introduction
WRI.8.3.3.5.b	Identifies and corrects past grammar and usage issues.	Punctuation: Parentheses and Italics
WRI.8.3.3.5.b	Identifies and corrects past grammar and usage issues.	Subordination in Sentences (2)
WRI.8.3.3.5.c	Uses fewer vs. less correctly.	Mastering Confusing Words
WRI.8.3.3.5.c	Uses fewer vs. less correctly.	Punctuation: Following an Introduction
WRI.8.3.3.5.c	Uses fewer vs. less correctly.	Punctuation: Parentheses and Italics
WRI.8.3.3.5.c	Uses fewer vs. less correctly.	Subordination in Sentences (2)
WRI.8.3.3.5.c	Uses fewer vs. less correctly.	Usage
WRI.8.3.3.5.d.1	parallel: Jamillah likes to hike, swim, and ride a bicycle.	Mastering Confusing Words
WRI.8.3.3.5.d.1	parallel: Jamillah likes to hike, swim, and ride a bicycle.	Punctuation: Following an Introduction
WRI.8.3.3.5.d.1	parallel: Jamillah likes to hike, swim, and ride a bicycle.	Punctuation: Parentheses and Italics
WRI.8.3.3.5.d.1	parallel: Jamillah likes to hike, swim, and ride a bicycle.	Subordination in Sentences (2)
WRI.8.3.3.5.d.2	not parallel: Jamillah likes to hike, to swim, and rides a bicycle.	Mastering Confusing Words
WRI.8.3.3.5.d.2	not parallel: Jamillah likes to hike, to swim, and rides a bicycle.	Punctuation: Following an Introduction
WRI.8.3.3.5.d.2	not parallel: Jamillah likes to hike, to swim, and rides a bicycle.	Punctuation: Parentheses and Italics
WRI.8.3.3.5.d.2	not parallel: Jamillah likes to hike, to swim, and rides a bicycle.	Subordination in Sentences (2)
WRI.8.3.3.5.e	Uses resources to check usage.	Mastering Confusing Words
WRI.8.3.3.5.e	Uses resources to check usage.	Punctuation: Following an Introduction
WRI.8.3.3.5.e	Uses resources to check usage.	Punctuation: Parentheses and Italics
WRI.8.3.3.5.e	Uses resources to check usage.	Subordination in Sentences (2)
WRI.8.3.3.6.a	May use fragments in dialogue as appropriate.	Mastering Confusing Words
WRI.8.3.3.6.a	May use fragments in dialogue as appropriate.	Punctuation: Interrupting a Thought
WRI.8.3.3.6.a	May use fragments in dialogue as appropriate.	Punctuation: Parentheses and Italics
WRI.8.3.3.6.a	May use fragments in dialogue as appropriate.	Sentences
WRI.8.3.3.6.a	May use fragments in dialogue as appropriate.	Subordination in Sentences (2)
WRI.8.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Paragraphs
WRI.8.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Project: Capitalization and Punctuation in Writing

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WRI.8.3.3.7.b	Uses textual markers (e.g., page numbers, footnotes, space for pictures).	Finding the Main Idea
WRI.8.3.3.7.b	Uses textual markers (e.g., page numbers, footnotes, space for pictures).	Functional Texts
WRI.8.3.3.7.b	Uses textual markers (e.g., page numbers, footnotes, space for pictures).	Reading for Meaning
WRI.8.3.3.8.a	Cites sources according to prescribed format (e.g., MLA, APA).	Mastering Confusing Words
WRI.8.3.3.8.a	Cites sources according to prescribed format (e.g., MLA, APA).	Punctuation: Parentheses and Italics
WRI.8.3.3.8.a	Cites sources according to prescribed format (e.g., MLA, APA).	Subordination in Sentences (2)
WRI.8.4.1.1.a	Critiques work, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Essay: Play Review
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Convincing Others
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Identifying Slanted News and Evaluating Statistics
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Project: Formal Essay Outline
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Project: Peer Editing
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Project: Peer Evaluation
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Project: Researching to Persuade
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Propaganda Techniques
WRI.8.4.1.1.b	Identifies persuasive elements in a peers' writing and critiques the effectiveness (e.g., preponderance of evidence, rhetorical questions).	Writing the Introduction
WRI.8.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., math-specific words when justifying a strategy used during estimation involving integers).	Mastering Confusing Words
WRI.8.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., math-specific words when justifying a strategy used during estimation involving integers).	Project: Writing the Short Story
WRI.8.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., math-specific words when justifying a strategy used during estimation involving integers).	Punctuation: Parentheses and Italics
WRI.8.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., math-specific words when justifying a strategy used during estimation involving integers).	Subordination in Sentences (2)
WRI.8.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., rubrics specific to purpose or form of assignment, WASL or 6-trait rubrics).	Essay: Play Review

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WRI.8.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., rubrics specific to purpose or form of assignment, WASL or 6-trait rubrics).	Mastering Confusing Words
WRI.8.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., rubrics specific to purpose or form of assignment, WASL or 6-trait rubrics).	Punctuation: Parentheses and Italics
WRI.8.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., rubrics specific to purpose or form of assignment, WASL or 6-trait rubrics).	Subordination in Sentences (2)
WRI.8.4.1.2.b	Rereads own work for the craft of writing (e.g., logic, transitional phrases) as well as the content (e.g., selected, relevant supporting detail).	Mastering Confusing Words
WRI.8.4.1.2.b	Rereads own work for the craft of writing (e.g., logic, transitional phrases) as well as the content (e.g., selected, relevant supporting detail).	Punctuation: Parentheses and Italics
WRI.8.4.1.2.b	Rereads own work for the craft of writing (e.g., logic, transitional phrases) as well as the content (e.g., selected, relevant supporting detail).	Subordination in Sentences (2)
WRI.8.4.1.2.b	Rereads own work for the craft of writing (e.g., logic, transitional phrases) as well as the content (e.g., selected, relevant supporting detail).	Writing the Body
WRI.8.4.1.2.c	Uses criteria to choose and defend choices for a writing portfolio.	Essay: Play Review
WRI.8.4.1.2.d	Provides evidence that goals have been met (e.g., selects piece that shows complex organizational structure).	Project: Autobiography Technique
WRI.8.4.2.1.a	Monitors progress toward goals over time (e.g., "After every piece of writing, I need to check to make sure I am supporting my claims with evidence.").	Mastering Confusing Words
WRI.8.4.2.1.a	Monitors progress toward goals over time (e.g., "After every piece of writing, I need to check to make sure I am supporting my claims with evidence.").	Punctuation: Parentheses and Italics
WRI.8.4.2.1.a	Monitors progress toward goals over time (e.g., "After every piece of writing, I need to check to make sure I am supporting my claims with evidence.").	Subordination in Sentences (2)
WRI.8.4.2.1.b	Analyzes progress (e.g., "I have been supporting my claims with evidence.").	Mastering Confusing Words
WRI.8.4.2.1.b	Analyzes progress (e.g., "I have been supporting my claims with evidence.").	Punctuation: Parentheses and Italics
WRI.8.4.2.1.b	Analyzes progress (e.g., "I have been supporting my claims with evidence.").	Subordination in Sentences (2)
WRI.8.4.2.1.d	Adjusts goals (e.g., "I will change my goal from supporting claims with more evidence to supporting claims with better evidence.").	Mastering Confusing Words
WRI.8.4.2.1.d	Adjusts goals (e.g., "I will change my goal from supporting claims with more evidence to supporting claims with better evidence.").	Punctuation: Parentheses and Italics
WRI.8.4.2.1.d	Adjusts goals (e.g., "I will change my goal from supporting claims with more evidence to supporting claims with better evidence.").	Subordination in Sentences (2)
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Compositions

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WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Convincing Others
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Mastering Confusing Words
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Project: Capitalization and Punctuation in Writing
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Project: Formal Essay Outline
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Project: Researching to Persuade
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Punctuation: Parentheses and Italics
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Report: Thesis Statement
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Subordination in Sentences (2)
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Using Language Appropriately
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Writing the Conclusion
WRI.8.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will write to multiple audiences, improve and vary my introductions and conclusions, and try a new persuasive technique.") and a portfolio of work.	Writing the Introduction
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Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
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COM.8.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening, appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work, interviews).	Being a Good Listener
COM.8.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening, appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work, interviews).	Developing Listening Skills
COM.8.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening, appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work, interviews).	Finding the Main Idea
COM.8.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening, appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work, interviews).	Following Directions
COM.8.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening, appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work, interviews).	Listening to Persuasion
COM.8.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening, appropriate to the situation (e.g., teacher instruction, one-on-one discussion with teacher or peer, small group communication with peers, class discussion, listening to an oral presentation, listening to/viewing mediated communication, group work, interviews).	Project: Listening
COM.8.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Categorizing Words
COM.8.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Finding Literal Meaning
COM.8.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Interpreting Poetry
COM.8.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Listening for Implied and Figurative Meaning
COM.8.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Reading for Meaning
COM.8.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, ASB speeches).	Essay: Play Review

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COM.8.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, ASB speeches).	Nouns
COM.8.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, ASB speeches).	Usage
COM.8.1.2.2.a	Determines the intended effects of persuasive technique(s) used in visual and auditory text on the target audience and critiques their effectiveness.	Convincing Others
COM.8.1.2.2.a	Determines the intended effects of persuasive technique(s) used in visual and auditory text on the target audience and critiques their effectiveness.	Persuasion: Spoken Factors
COM.8.1.2.2.b	Determines points of view or bias represented in media (e.g., Social Studies CBA: Distinguish between the image of the United States in political cartoons created during the Mexican-American War in U.S. and Mexican newspapers).	Project: Truth and Propaganda
COM.8.2.1.1.b	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Nonverbal Communication
COM.8.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for turn taking; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Finding the Main Idea
COM.8.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for turn taking; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Listening for Implied and Figurative Meaning
COM.8.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for turn taking; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Nouns
COM.8.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for turn taking; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Speaking Qualities
COM.8.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for turn taking; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Usage

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COM.8.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., provides examples, illustrates, or expands on a response).	Nouns
COM.8.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., provides examples, illustrates, or expands on a response).	Usage
COM.8.2.2.1.c	Provides feedback to the speaker in role play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Being a Good Listener
COM.8.2.2.1.c	Provides feedback to the speaker in role play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Essay: Play Review
COM.8.2.2.1.c	Provides feedback to the speaker in role play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Listening to Persuasion
COM.8.2.2.1.c	Provides feedback to the speaker in role play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Project: Listening
COM.8.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Project: Peer Editing
COM.8.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Project: Peer Evaluation
COM.8.2.3.2.a	Examines one's own communication style (assertive, dramatic, relaxed, friendly, etc.) and determines how it affects intercultural communication (speaking time, interruptions, eye contact, silence, directness of message, humor).	Nouns
COM.8.2.3.2.a	Examines one's own communication style (assertive, dramatic, relaxed, friendly, etc.) and determines how it affects intercultural communication (speaking time, interruptions, eye contact, silence, directness of message, humor).	Usage
COM.8.2.3.2.b	Uses understanding of one's communication style to enhance or improve intercultural communication.	Nouns
COM.8.2.3.2.b	Uses understanding of one's communication style to enhance or improve intercultural communication.	Usage
COM.8.3.1.1.a	Determines the topic and the audience and selects a purpose (e.g., variety show, news broadcast, science experiment, data presentation, speech, interview).	Developing Listening Skills
COM.8.3.1.1.a	Determines the topic and the audience and selects a purpose (e.g., variety show, news broadcast, science experiment, data presentation, speech, interview).	Nonverbal Communication
COM.8.3.1.1.a	Determines the topic and the audience and selects a purpose (e.g., variety show, news broadcast, science experiment, data presentation, speech, interview).	Word Choice
COM.8.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Nouns

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COM.8.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Persuasion: Spoken Factors
COM.8.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Persuasion: Unspoken Factors
COM.8.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Project: Autobiography Technique
COM.8.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Speaking Qualities
COM.8.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Usage
COM.8.3.1.1.c	Examines logical argument and unintended use of fallacies to determine necessary revisions presentation (e.g., generalization/principle, pro/con, definition, false causality, over-generalization).	Nonverbal Communication
COM.8.3.1.1.c	Examines logical argument and unintended use of fallacies to determine necessary revisions presentation (e.g., generalization/principle, pro/con, definition, false causality, over-generalization).	Propaganda Techniques
COM.8.3.1.1.d	Uses techniques to enhance the message (e.g., rhetorical questions, parallelism, concrete images, figurative language, and characterization).	Project: Characters and Point of View
COM.8.3.1.1.d	Uses techniques to enhance the message (e.g., rhetorical questions, parallelism, concrete images, figurative language, and characterization).	Project: Writing the Short Story
COM.8.3.1.1.d	Uses techniques to enhance the message (e.g., rhetorical questions, parallelism, concrete images, figurative language, and characterization).	Writing the Introduction
COM.8.3.3.1.a	Speaks with expression using purposeful volume, articulation, pace/rate, and tone.	Mood and Tone: Rikki-Tikki-Tavi
COM.8.3.3.1.a	Speaks with expression using purposeful volume, articulation, pace/rate, and tone.	Nouns
COM.8.3.3.1.a	Speaks with expression using purposeful volume, articulation, pace/rate, and tone.	Project: Prewriting Setting, Mood, Tone, and Theme
COM.8.3.3.1.a	Speaks with expression using purposeful volume, articulation, pace/rate, and tone.	Punctuation: Interrupting a Thought
COM.8.3.3.1.a	Speaks with expression using purposeful volume, articulation, pace/rate, and tone.	Speaking Qualities
COM.8.3.3.1.a	Speaks with expression using purposeful volume, articulation, pace/rate, and tone.	Usage
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Nonverbal Communication
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Nonverbal Cues
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Nouns

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COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Persuasion: Spoken Factors
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Persuasion: Unspoken Factors
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Project: Autobiography Technique
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Project: Identifying Nonverbal Cues
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Speaking Effectively
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Speaking Qualities
COM.8.3.3.1.b	Uses posture, body language, eye contact, facial expression, and gestures to heighten and emphasize message.	Usage
COM.8.3.3.1.c	Matches verbal and nonverbal messages.	Nonverbal Communication
COM.8.3.3.1.c	Matches verbal and nonverbal messages.	Persuasion: Spoken Factors
COM.8.3.3.1.c	Matches verbal and nonverbal messages.	Persuasion: Unspoken Factors
COM.8.3.3.1.d	Uses standard adult grammar to enhance message.	Essay: Parts of Speech
COM.8.3.3.1.d	Uses standard adult grammar to enhance message.	Nouns
COM.8.3.3.1.d	Uses standard adult grammar to enhance message.	Pronouns
COM.8.3.3.1.d	Uses standard adult grammar to enhance message.	Punctuation: Ending a Thought
COM.8.3.3.1.d	Uses standard adult grammar to enhance message.	Usage
COM.8.3.3.1.e	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Nonverbal Communication
COM.8.3.3.1.e	Speaks using an extemporaneous style of delivery (e.g., uses notes and outlines rather than a script).	Speaking Qualities
COM.8.4.1.1.a	Articulates the qualities that make communication (group work or presentation types) effective (e.g., body language, pace, volume, tone, expression).	Nonverbal Communication
COM.8.4.1.1.a	Articulates the qualities that make communication (group work or presentation types) effective (e.g., body language, pace, volume, tone, expression).	Speaking Qualities
COM.8.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members).	Essay: Play Review
COM.8.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members).	Nouns
COM.8.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members).	Project: Autobiography Technique
COM.8.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members).	Project: Peer Editing
COM.8.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members).	Project: Peer Evaluation

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COM.8.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members).	Speaking Qualities
COM.8.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members).	Usage
COM.8.4.1.1.c	Critiques style and content of own communication using established criteria to build on strengths and develop areas of weakness.	Essay: Play Review
COM.8.4.1.1.c	Critiques style and content of own communication using established criteria to build on strengths and develop areas of weakness.	Nouns
COM.8.4.1.1.c	Critiques style and content of own communication using established criteria to build on strengths and develop areas of weakness.	Project: Peer Editing
COM.8.4.1.1.c	Critiques style and content of own communication using established criteria to build on strengths and develop areas of weakness.	Project: Peer Evaluation
COM.8.4.1.1.c	Critiques style and content of own communication using established criteria to build on strengths and develop areas of weakness.	Usage
COM.8.4.1.1.d	Critiques one's own role in the preparation and delivery of small group presentation and/or interviews.	Project: Peer Editing
COM.8.4.1.1.d	Critiques one's own role in the preparation and delivery of small group presentation and/or interviews.	Project: Peer Evaluation
COM.8.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Nonverbal Communication
COM.8.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Nouns
COM.8.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Speaking Qualities
COM.8.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Usage
COM.8.4.1.2.a	Examines accuracy of content and terminology for specific content areas in others' communication (e.g., use of correct mathematical terminology when justifying a strategy to estimate integers).	Essay: Play Review
COM.8.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Essay: Play Review
COM.8.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Project: Peer Editing
COM.8.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Project: Peer Evaluation
COM.8.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Nouns
COM.8.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Subordination in Sentences (1)

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COM.8.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Subordination in Sentences (2)
COM.8.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Usage
COM.8.4.2.1.a	Sets goals for all forms of oral communication using feedback and creates a plan to meet the goals (e.g., group work, formal presentations, conversation, interviews).	Nouns
COM.8.4.2.1.a	Sets goals for all forms of oral communication using feedback and creates a plan to meet the goals (e.g., group work, formal presentations, conversation, interviews).	Usage
Subject:	Reading	
Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
READ.8.1.2.2.a	Use word origins to determine the meaning of unknown words.	Essay: Using Connotations
READ.8.1.2.2.a	Use word origins to determine the meaning of unknown words.	Middle English
READ.8.1.2.2.a	Use word origins to determine the meaning of unknown words.	Report: History of the Novel
READ.8.1.2.2.a	Use word origins to determine the meaning of unknown words.	The Indo-European Family
READ.8.1.2.2.a	Use word origins to determine the meaning of unknown words.	Using the Dictionary and Diacritical Marks
READ.8.1.2.2.a	Use word origins to determine the meaning of unknown words.	Words
READ.8.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., statistic, statistician).	Essay: Using Connotations
READ.8.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., statistic, statistician).	Learning Morphemes
READ.8.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., statistic, statistician).	Middle English
READ.8.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., statistic, statistician).	Project: Reading Practice
READ.8.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., statistic, statistician).	The Indo-European Family
READ.8.1.2.2.b	Use abstract, derived root words, pre- fixes, and suffixes from Greek and Latin to analyze the meaning of complex words (e.g., statistic, statistician).	Unlocking Word Meaning
READ.8.1.2.2.c	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Analyzing a Formal Essay
READ.8.1.2.2.c	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Essay: Using Connotations
READ.8.1.2.2.c	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Finding the Main Idea

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READ.8.1.2.2.c	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Nonfiction Genres: Autobiographies
READ.8.1.2.2.c	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Reading: The Formal Essay
READ.8.1.2.2.d	Use graphic features to clarify and extend meaning (e.g., science processes, diagrams).	Functional Texts
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Analyzing a Formal Essay
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Finding the Main Idea
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	History of Language and Grammar
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Mastering Confusing Words
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Nonfiction Genres: Autobiographies
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Nouns
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Project: Prewriting the Plot
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Punctuation: Interrupting a Thought
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Punctuation: Parentheses and Italics

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READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Reading: The Formal Essay
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Subordination in Sentences (2)
READ.8.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., lift as used in England compared to the U.S.A.), into written and oral communication.	Usage
READ.8.1.3.2.b	Explain the meaning of content-specific vocabulary words (e.g., photosynthesis, democracy, algorithms).	Essay: Using Connotations
READ.8.1.3.2.c	Select, from multiple choices, the meanings of words or phrases identified in the text.	Context Clues and Sequence
READ.8.1.3.2.c	Select, from multiple choices, the meanings of words or phrases identified in the text.	Mastering Confusing Words
READ.8.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., definition of solar in science transferred to understanding science fiction text).	Analyzing a Formal Essay
READ.8.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., definition of solar in science transferred to understanding science fiction text).	Finding the Main Idea
READ.8.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., definition of solar in science transferred to understanding science fiction text).	Nonfiction Genres: Autobiographies
READ.8.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., definition of solar in science transferred to understanding science fiction text).	Paragraphs
READ.8.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., definition of solar in science transferred to understanding science fiction text).	Project: Paraphrasing
READ.8.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., definition of solar in science transferred to understanding science fiction text).	Reading: The Formal Essay
READ.8.1.4.2.a	Read grade-level literary/narrative text and informational/expository text orally with accuracy, using appropriate pacing, phrasing, and expression.	Analyzing a Formal Essay
READ.8.1.4.2.a	Read grade-level literary/narrative text and informational/expository text orally with accuracy, using appropriate pacing, phrasing, and expression.	Finding the Main Idea
READ.8.1.4.2.a	Read grade-level literary/narrative text and informational/expository text orally with accuracy, using appropriate pacing, phrasing, and expression.	Reading: The Formal Essay

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READ.8.1.4.3.a	Adjust reading rate by speeding up or slowing down based on purpose (e.g., pleasure, informational reading, task-oriented reading), text level of difficulty, form, and style.	Essay: Short Story Response
READ.8.1.4.3.a	Adjust reading rate by speeding up or slowing down based on purpose (e.g., pleasure, informational reading, task-oriented reading), text level of difficulty, form, and style.	Nonfiction Genres: Biographies
READ.8.1.4.3.a	Adjust reading rate by speeding up or slowing down based on purpose (e.g., pleasure, informational reading, task-oriented reading), text level of difficulty, form, and style.	Nonfiction Literature: Helen Keller (1)
READ.8.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Categorizing Words
READ.8.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Finding Literal Meaning
READ.8.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Finding the Main Idea
READ.8.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Listening for Implied and Figurative Meaning
READ.8.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Reading Strategies
READ.8.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Paragraphs
READ.8.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Project: Paraphrasing
READ.8.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Theme and Symbolism: The Gift of the Magi
READ.8.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Finding the Main Idea
READ.8.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Paragraphs
READ.8.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Project: Paraphrasing
READ.8.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading Strategies
READ.8.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Theme and Symbolism: The Gift of the Magi
READ.8.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Finding the Main Idea
READ.8.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Paragraphs
READ.8.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Project: Paraphrasing
READ.8.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Reading Strategies
READ.8.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Theme and Symbolism: The Gift of the Magi

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READ.8.2.1.4.a	Use previous experience, knowledge of current issues, information previously learned to make connections, draw conclusions, and generalize about what is read (e.g., relate what is learned in chemistry to new learning in biology; connect the author's perspective and/or the historical context to text).	Project: Analyzing a Historical Formal Essay
READ.8.2.1.5.a	Make inferences based on implicit and explicit information drawn from text and provide justification for those inferences.	Listening for Implied and Figurative Meaning
READ.8.2.1.5.b	Make, confirm, and revise predictions based on prior knowledge and evidence from the text (e.g., using main idea statements, predict what kind of information the author will present next).	Finding the Main Idea
READ.8.2.1.5.b	Make, confirm, and revise predictions based on prior knowledge and evidence from the text (e.g., using main idea statements, predict what kind of information the author will present next).	Reading Strategies
READ.8.2.1.5.c	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Listening for Implied and Figurative Meaning
READ.8.2.1.5.d	Organize information to support a prediction or inference in a self-created graphic organizer.	Finding the Main Idea
READ.8.2.1.5.d	Organize information to support a prediction or inference in a self-created graphic organizer.	Listening for Implied and Figurative Meaning
READ.8.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Context Clues and Sequence
READ.8.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Finding the Main Idea
READ.8.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Paragraphs
READ.8.2.1.6.a	Monitor for meaning by identifying where and why comprehension was lost and use comprehension repair strategies to regain meaning.	Project: Paraphrasing
READ.8.2.1.6.d	Organize images and information into a self-created graphic organizer to enhance text comprehension.	Finding the Main Idea
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Being an Active Reader
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Essay: Play Review

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READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Essay: Summarizing a Formal Essay
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Essay: Using Connotations
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Finding the Main Idea
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Project: Paraphrasing
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Project: Summarizing and Paraphrasing
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Reading Strategies
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Report: Summarizing
READ.8.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; and avoids interpretation or judgment.	Writing the Introduction
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Analyzing the Author's Credentials

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READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Being an Active Reader
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Essay: Play Review
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Essay: Summarizing a Formal Essay
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Finding the Main Idea
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Project: Paraphrasing
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Project: Summarizing and Paraphrasing
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Report: Summarizing
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Theme and Symbolism: The Gift of the Magi
READ.8.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Writing the Introduction
READ.8.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Being an Active Reader
READ.8.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Essay: Play Review
READ.8.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Essay: Short Story Response
READ.8.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Essay: Summarizing a Formal Essay
READ.8.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Project: Paraphrasing
READ.8.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Project: Summarizing and Paraphrasing
READ.8.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Report: Summarizing
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Analyzing a Formal Essay

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READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Being an Active Reader
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Essay: Play Review
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Essay: Summarizing a Formal Essay
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Finding the Main Idea
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Finding the Main Idea
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Nonfiction Genres: Autobiographies
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Project: Paraphrasing
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Project: Summarizing and Paraphrasing
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Reading: The Formal Essay
READ.8.2.1.7.d	Organize summary information for informational/expository, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Report: Summarizing
READ.8.2.2.1.a	Analyze an author's development of time and sequence through the use of literary devices such as foreshadowing, flashbacks, dream sequences, parallel episodes, and the use of traditional and/or cultural-based organizational patterns.	Essay: Using Connotations
READ.8.2.2.1.a	Analyze an author's development of time and sequence through the use of literary devices such as foreshadowing, flashbacks, dream sequences, parallel episodes, and the use of traditional and/or cultural-based organizational patterns.	Navigating Organizational Patterns

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READ.8.2.2.1.a	Analyze an author's development of time and sequence through the use of literary devices such as foreshadowing, flashbacks, dream sequences, parallel episodes, and the use of traditional and/or cultural-based organizational patterns.	Report: Geoffrey Chaucer
READ.8.2.2.1.a	Analyze an author's development of time and sequence through the use of literary devices such as foreshadowing, flashbacks, dream sequences, parallel episodes, and the use of traditional and/or cultural-based organizational patterns.	Storytelling: Occurance at Owl Creek Bridge
READ.8.2.2.1.b	Explain the use of order or steps in a process to convey meaning in an informational/expository text (e.g., scientific experiments, legislative processes, mathematical procedures, Native American talking circles and ceremonies).	Analyzing a Formal Essay
READ.8.2.2.1.b	Explain the use of order or steps in a process to convey meaning in an informational/expository text (e.g., scientific experiments, legislative processes, mathematical procedures, Native American talking circles and ceremonies).	Finding the Main Idea
READ.8.2.2.1.b	Explain the use of order or steps in a process to convey meaning in an informational/expository text (e.g., scientific experiments, legislative processes, mathematical procedures, Native American talking circles and ceremonies).	Nonfiction Genres: Autobiographies
READ.8.2.2.1.b	Explain the use of order or steps in a process to convey meaning in an informational/expository text (e.g., scientific experiments, legislative processes, mathematical procedures, Native American talking circles and ceremonies).	Paragraphs
READ.8.2.2.1.b	Explain the use of order or steps in a process to convey meaning in an informational/expository text (e.g., scientific experiments, legislative processes, mathematical procedures, Native American talking circles and ceremonies).	Project: Paraphrasing
READ.8.2.2.1.b	Explain the use of order or steps in a process to convey meaning in an informational/expository text (e.g., scientific experiments, legislative processes, mathematical procedures, Native American talking circles and ceremonies).	Reading: The Formal Essay
READ.8.2.2.2.a	Use text features to verify, support, or clarify meaning.	Finding the Main Idea
READ.8.2.2.2.a	Use text features to verify, support, or clarify meaning.	Functional Texts
READ.8.2.2.2.a	Use text features to verify, support, or clarify meaning.	Punctuation: Parentheses and Italics
READ.8.2.2.2.a	Use text features to verify, support, or clarify meaning.	Reading for Meaning
READ.8.2.2.2.b	Select, from multiple choices, the purpose of a specific text feature and/or information learned from a text feature.	Finding the Main Idea
READ.8.2.2.2.b	Select, from multiple choices, the purpose of a specific text feature and/or information learned from a text feature.	Functional Texts
READ.8.2.2.2.b	Select, from multiple choices, the purpose of a specific text feature and/or information learned from a text feature.	Punctuation: Parentheses and Italics
READ.8.2.2.2.b	Select, from multiple choices, the purpose of a specific text feature and/or information learned from a text feature.	Reading for Meaning

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READ.8.2.2.2.c	Use the features of electronic information to communicate, gain information, or research a topic.	Punctuation: Parentheses and Italics
READ.8.2.2.3.a	Interpret how situations, actions, and other characters influence a character's personality and development.	Characters: The Birthmark
READ.8.2.2.3.a	Interpret how situations, actions, and other characters influence a character's personality and development.	Interpreting Poetry
READ.8.2.2.3.b	Explain how a story's plots and subplots contribute to (or don't advance) the conflict and resolution.	Conflict: The Monkey's Paw
READ.8.2.2.3.b	Explain how a story's plots and subplots contribute to (or don't advance) the conflict and resolution.	Plot: The Lady or the Tiger
READ.8.2.2.3.c	Explain the influence of setting on mood, character, and plot.	Characters: The Birthmark
READ.8.2.2.3.c	Explain the influence of setting on mood, character, and plot.	Mood and Tone: Rikki-Tikki-Tavi
READ.8.2.2.3.c	Explain the influence of setting on mood, character, and plot.	Plot: The Lady or the Tiger
READ.8.2.2.3.c	Explain the influence of setting on mood, character, and plot.	Project: Characters and Point of View
READ.8.2.2.3.c	Explain the influence of setting on mood, character, and plot.	Setting: How the Rhinoceros Got His Skin
READ.8.2.2.3.d	Explain the author's point of view and interpret how it influences the text.	Narration and Point of View
READ.8.2.2.3.d	Explain the author's point of view and interpret how it influences the text.	Short Story Elements
READ.8.2.2.3.d	Explain the author's point of view and interpret how it influences the text.	The Narrator's Story: A Piece of String
READ.8.2.2.3.e	Compare/contrast common recurring themes in books by the same or different authors.	Theme and Symbolism: The Gift of the Magi
READ.8.2.2.4.a	Recognize and use knowledge of previously taught text organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, and problem/solution) to aid comprehension.	Navigating Organizational Patterns
READ.8.2.2.4.a	Recognize and use knowledge of previously taught text organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, and problem/solution) to aid comprehension.	Paragraphs
READ.8.2.2.4.a	Recognize and use knowledge of previously taught text organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, and problem/solution) to aid comprehension.	Project: Paraphrasing
READ.8.2.2.4.a	Recognize and use knowledge of previously taught text organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, and problem/solution) to aid comprehension.	Storytelling: Occurance at Owl Creek Bridge

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READ.8.2.2.4.b	Identify text written in episodic and generalization/principle organizational structure to find and/or organize information and comprehend text.	Navigating Organizational Patterns
READ.8.2.2.4.b	Identify text written in episodic and generalization/principle organizational structure to find and/or organize information and comprehend text.	Paragraphs
READ.8.2.2.4.b	Identify text written in episodic and generalization/principle organizational structure to find and/or organize information and comprehend text.	Project: Paraphrasing
READ.8.2.3.1.a	Compare and contrast information from multiple sources to gain a broader understanding of a topic (e.g., compare and contrast a variety of ecosystems using text-based evidence).	Paragraphs
READ.8.2.3.1.a	Compare and contrast information from multiple sources to gain a broader understanding of a topic (e.g., compare and contrast a variety of ecosystems using text-based evidence).	Project: Paraphrasing
READ.8.2.3.1.c	Select, from multiple choices, a sentence that tells how two text elements are alike or different (e.g., characters, events, information/facts).	Project: Characters and Point of View
READ.8.2.3.1.d	Explain how certain actions cause certain effects (e.g., how the women's suffrage movement changed the face of politics today or how Indian boarding schools contributed to the loss of Native American languages and culture; how the internment of Japanese Americans during World War II affected traditional Japanese family structure).	Paragraphs
READ.8.2.3.1.d	Explain how certain actions cause certain effects (e.g., how the women's suffrage movement changed the face of politics today or how Indian boarding schools contributed to the loss of Native American languages and culture; how the internment of Japanese Americans during World War II affected traditional Japanese family structure).	Project: Paraphrasing
READ.8.2.3.3.a	Judge the effectiveness of the author's use of literary devices and explain their use to convey meaning.	Essay: Using Connotations
READ.8.2.3.3.a	Judge the effectiveness of the author's use of literary devices and explain their use to convey meaning.	Report: Geoffrey Chaucer
READ.8.2.3.3.b	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	Essay: Short Story Response
READ.8.2.4.2.a	Identify and discuss different authors' use of sentence structure, literary devices, and word choice to impact tone, message, and/or reader's reaction.	Essay: Short Story Response
READ.8.2.4.2.a	Identify and discuss different authors' use of sentence structure, literary devices, and word choice to impact tone, message, and/or reader's reaction.	Essay: Using Connotations
READ.8.2.4.2.b	Explain and provide examples of how an author uses a wide variety of language structures to create an intended effect (e.g., words or phrases from another language, dialect, simile, and metaphor).	Essay: Short Story Response
READ.8.2.4.2.b	Explain and provide examples of how an author uses a wide variety of language structures to create an intended effect (e.g., words or phrases from another language, dialect, simile, and metaphor).	Essay: Using Connotations

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READ.8.2.4.2.b	Explain and provide examples of how an author uses a wide variety of language structures to create an intended effect (e.g., words or phrases from another language, dialect, simile, and metaphor).	Report: Geoffrey Chaucer
READ.8.2.4.2.c	Examine the author's use of language registry (e.g., frozen, formal, consultative, casual, intimate) and how this influences meaning and different audiences.	Essay: Short Story Response
READ.8.2.4.2.c	Examine the author's use of language registry (e.g., frozen, formal, consultative, casual, intimate) and how this influences meaning and different audiences.	Report: Geoffrey Chaucer
READ.8.2.4.2.d	Select, from multiple choices, a sentence that explains why an author includes a specific technique.	Essay: Using Connotations
READ.8.2.4.3.a	Examine and critique the logic (reasoning, assumptions, and beliefs) and use evidence (existing and missing information; primary and secondary sources) in an author's argument or defense of a claim.	Evaluating Sources of Information
READ.8.2.4.3.a	Examine and critique the logic (reasoning, assumptions, and beliefs) and use evidence (existing and missing information; primary and secondary sources) in an author's argument or defense of a claim.	Report: Geoffrey Chaucer
READ.8.2.4.4.a	Examine and explain the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence reader's opinions or actions.	Essay: Short Story Response
READ.8.2.4.4.a	Examine and explain the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence reader's opinions or actions.	Essay: Using Connotations
READ.8.2.4.4.a	Examine and explain the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence reader's opinions or actions.	Reading and Experiencing Poetry
READ.8.2.4.4.a	Examine and explain the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence reader's opinions or actions.	Report: Geoffrey Chaucer
READ.8.2.4.4.b	Examine and explain the intended effects of propaganda techniques the author uses to influence readers' perspectives.	Essay: Short Story Response
READ.8.2.4.4.b	Examine and explain the intended effects of propaganda techniques the author uses to influence readers' perspectives.	Essay: Using Connotations
READ.8.2.4.4.b	Examine and explain the intended effects of propaganda techniques the author uses to influence readers' perspectives.	Identifying Slanted News and Evaluating Statistics
READ.8.2.4.4.b	Examine and explain the intended effects of propaganda techniques the author uses to influence readers' perspectives.	Project: Truth and Propaganda
READ.8.2.4.4.b	Examine and explain the intended effects of propaganda techniques the author uses to influence readers' perspectives.	Propaganda Techniques
READ.8.2.4.4.c	Judge the author's effectiveness in the use of persuasive devices to influence an audience.	Convincing Others

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READ.8.2.4.4.c	Judge the author's effectiveness in the use of persuasive devices to influence an audience.	Essay: Short Story Response
READ.8.2.4.4.c	Judge the author's effectiveness in the use of persuasive devices to influence an audience.	Essay: Using Connotations
READ.8.2.4.5.a	Generalize about universal themes, human nature, cultural and historical perspectives, etc., from reading multiple texts.	Essay: Short Story Response
READ.8.2.4.5.a	Generalize about universal themes, human nature, cultural and historical perspectives, etc., from reading multiple texts.	Middle English
READ.8.2.4.5.a	Generalize about universal themes, human nature, cultural and historical perspectives, etc., from reading multiple texts.	Nonfiction Genres: Biographies
READ.8.2.4.5.a	Generalize about universal themes, human nature, cultural and historical perspectives, etc., from reading multiple texts.	Nonfiction Literature: Helen Keller (1)
READ.8.2.4.5.a	Generalize about universal themes, human nature, cultural and historical perspectives, etc., from reading multiple texts.	Setting: How the Rhinoceros Got His Skin
READ.8.2.4.5.a	Generalize about universal themes, human nature, cultural and historical perspectives, etc., from reading multiple texts.	Theme and Symbolism: The Gift of the Magi
READ.8.2.4.5.c	Provide a response to text that expresses an insight (e.g., author's perspective, the nature of conflict) or use text-based information to solve a problem not identified in the text (e.g., use information in an article about fitness to design an exercise routine).	Listening for Implied and Figurative Meaning
READ.8.2.4.6.a	Compare and contrast treatments of similar concepts and themes within multiple texts (e.g., how the idea of coming of age is presented in multiple texts representing a variety of cultures).	Theme and Symbolism: The Gift of the Magi
READ.8.2.4.7.a	Examine informational/expository text and literary/narrative text to show how they reflect the heritage, traditions, and beliefs of the author.	Nonfiction Genres: Autobiographies
READ.8.2.4.7.a	Examine informational/expository text and literary/narrative text to show how they reflect the heritage, traditions, and beliefs of the author.	Project: Prewriting the Plot
READ.8.2.4.7.a	Examine informational/expository text and literary/narrative text to show how they reflect the heritage, traditions, and beliefs of the author.	Report: Geoffrey Chaucer
READ.8.2.4.7.b	Compare and critique two author's beliefs and assumptions about a single topic or issue, citing text-based evidence, and decide which author presents the stronger argument.	Report: Geoffrey Chaucer
READ.8.2.4.7.c	Make judgments about how effectively an author has supported his/her belief and/or assumptions, citing text-based evidence.	Report: Geoffrey Chaucer
READ.8.2.4.7.d	Select, from multiple choices, a sentence that identifies the author's opinions, assumptions, and beliefs.	Report: Geoffrey Chaucer

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READ.8.3.1.1.a	Examine resource materials to determine appropriate primary sources and secondary sources to use for investigating a question, topic, or issue (e.g., encyclopedia and other reference materials, pamphlets, book excerpts, newspaper and magazine articles, letters to an editor).	Evaluating Sources of Information
READ.8.3.1.1.a	Examine resource materials to determine appropriate primary sources and secondary sources to use for investigating a question, topic, or issue (e.g., encyclopedia and other reference materials, pamphlets, book excerpts, newspaper and magazine articles, letters to an editor).	Using a Thesaurus
READ.8.3.2.2.a	Use functional documents to perform a task (e.g., read applications, legal documents, and use that information to perform everyday life functions).	Functional Texts
READ.8.3.2.2.a	Use functional documents to perform a task (e.g., read applications, legal documents, and use that information to perform everyday life functions).	Nonfiction Genres: Autobiographies
READ.8.3.2.2.a	Use functional documents to perform a task (e.g., read applications, legal documents, and use that information to perform everyday life functions).	Paragraphs
READ.8.3.2.2.a	Use functional documents to perform a task (e.g., read applications, legal documents, and use that information to perform everyday life functions).	Project: Paraphrasing
READ.8.3.3.1.a	Select, use, monitor, and adjust appropriate strategies for different reading purposes (e.g., skim/scan for big ideas, close reading for details, inferring information from graphs and charts).	Finding the Main Idea
READ.8.3.3.1.a	Select, use, monitor, and adjust appropriate strategies for different reading purposes (e.g., skim/scan for big ideas, close reading for details, inferring information from graphs and charts).	Punctuation: Parentheses and Italics
READ.8.3.3.1.a	Select, use, monitor, and adjust appropriate strategies for different reading purposes (e.g., skim/scan for big ideas, close reading for details, inferring information from graphs and charts).	Reading Strategies
READ.8.3.3.1.c	Select and use appropriate skills for reading a variety of documents (e.g., maps, graphs, blueprints, computer manuals).	Nonfiction Genres: Autobiographies
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Essay: Play Review
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Essay: Response to Helen Keller's Autobiography
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Essay: Short Story Response

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READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Mastering Confusing Words
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Nonfiction Genres: Biographies
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Nonfiction Literature: Helen Keller (1)
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Project: Prewriting the Plot
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Punctuation: Interrupting a Thought
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Punctuation: Parentheses and Italics
READ.8.3.4.2.a	Respond to literature written in a variety of genres (e.g., explain why certain genres are best suited to convey a specific message or invoke a particular response from the reader).	Subordination in Sentences (2)
READ.8.3.4.2.b	Analyze the characteristics and structural elements/essential attributes in a variety of poetic forms (e.g., epic, sonnet, ballad, haiku, free verse).	Language and Literature of the Old English Period
READ.8.3.4.2.b	Analyze the characteristics and structural elements/essential attributes in a variety of poetic forms (e.g., epic, sonnet, ballad, haiku, free verse).	Nonfiction Genres: Poetry vs. Prose
READ.8.3.4.2.b	Analyze the characteristics and structural elements/essential attributes in a variety of poetic forms (e.g., epic, sonnet, ballad, haiku, free verse).	Reading and Experiencing Poetry
READ.8.3.4.3.a	Identify motivations and reactions of literary characters from different cultures or historical periods when confronting similar conflicts.	Middle English
READ.8.3.4.3.a	Identify motivations and reactions of literary characters from different cultures or historical periods when confronting similar conflicts.	Setting: How the Rhinoceros Got His Skin
READ.8.3.4.3.b	Identify and analyze recurring themes in literature across literary genres (e.g., themes of good vs. evil or heroism as expressed in plays, poetry, short stories).	Essay: Short Story Response
READ.8.3.4.3.b	Identify and analyze recurring themes in literature across literary genres (e.g., themes of good vs. evil or heroism as expressed in plays, poetry, short stories).	The History of Drama
READ.8.3.4.3.b	Identify and analyze recurring themes in literature across literary genres (e.g., themes of good vs. evil or heroism as expressed in plays, poetry, short stories).	Theme and Symbolism: The Gift of the Magi

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Washington - Language Arts - Grades 6-8**

READ.8.3.4.4.a	Compare and contrast traditional, classic, and/or contemporary works of literature that deal with similar topics and problems (e.g., uses of power, family and community structures; meaning of loyalty, freedom, and responsibility).	Essay: Tracing Language Changes
READ.8.3.4.4.b	Relate literary works to the traditions, themes, and issues of the era they represent (e.g., the generation gap, women and children in the workforce).	Middle English
READ.8.3.4.4.b	Relate literary works to the traditions, themes, and issues of the era they represent (e.g., the generation gap, women and children in the workforce).	Setting: How the Rhinoceros Got His Skin
READ.8.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Analyzing a Formal Essay
READ.8.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Finding the Main Idea
READ.8.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Nonfiction Genres: Autobiographies
READ.8.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Reading: The Formal Essay

**Alignment Report for English III
Washington - Language Arts - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Legal and Business English
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Reading a Dictionary Entry
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Project: Using Colloquialisms
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Project: Using Colloquialisms
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Reading a Dictionary Entry
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Project: Using Colloquialisms
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Nonstandard English: Slang and Jargon
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Project: Using Colloquialisms
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Project: Using Colloquialisms
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Project: Using Colloquialisms
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Project: Using Colloquialisms
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Using Standard English
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Using a Dictionary Entry
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Using Standard English
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Using a Dictionary Entry
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	Legal and Business English
WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Legal and Business English
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Poetry

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Washington - Language Arts - Grades 9-12

WRI.9-10.3.2.2.c	Uses the vernacular appropriately.	Nonstandard English: Slang and Jargon
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Project: Using Colloquialisms
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Nonstandard English: Ungrammatical Speech
WRI.9-10.3.3.5.c	Uses who vs. whom correctly.	Nonstandard English: Ungrammatical Speech
WRI.9-10.3.3.5.c	Uses who vs. whom correctly.	Standard English
WRI.9-10.3.3.5.d	Uses that vs. which and that vs. who correctly.	Nonstandard English: Ungrammatical Speech
WRI.9-10.3.3.5.d	Uses that vs. which and that vs. who correctly.	Standard English
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Standard English
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Standard English
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Standard English
WRI.9-10.3.3.5.i	Uses resources to check usage.	Nonstandard English: Slang and Jargon
Subject:	Communication	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Nonstandard English: Ungrammatical Speech
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Project: Using Colloquialisms
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Project: Analyzing a Magazine Articles
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Project: Analyzing a Magazine Articles
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Nonstandard English: Ungrammatical Speech
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Project: Using Colloquialisms
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Nonstandard English: Ungrammatical Speech
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Project: Using Colloquialisms
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Nonstandard English: Ungrammatical Speech
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Project: Using Colloquialisms

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COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Nonstandard English: Ungrammatical Speech
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Project: Using Colloquialisms
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Literary English
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Nonstandard English: Ungrammatical Speech
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Professional English
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Project: Using Colloquialisms
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Project: Working with Legal English
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Nonstandard English: Ungrammatical Speech
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Project: Using Colloquialisms
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Everyday English
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Nonstandard English: Ungrammatical Speech
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Project: Using Colloquialisms
Subject:	Reading	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Project: Etymology
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Reading a Dictionary Entry
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Nonstandard English: Ungrammatical Speech
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Project: Using Colloquialisms
READ.9-10.2.3.1.a	Compare conclusions drawn from multiple sources to determine similarities and differences.	Project: Analyzing a Magazine Articles

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READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Project: Analyzing a Magazine Articles
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Everyday English
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Poetry
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Everyday English
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Nonstandard English: Dialects
READ.9-10.2.4.2.e	Examine the author's use of language registry (e.g., frozen, formal, consultative, casual, intimate) and how this influences meaning and different audiences.	Everyday English
READ.9-10.2.4.2.f	Judge the effectiveness of the author's use of language to create an intended effect.	Everyday English
READ.9-10.2.4.4.a	Identify the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence readers' opinions or actions.	Literary English
READ.9-10.2.4.4.a	Identify the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence readers' opinions or actions.	Professional English
READ.9-10.2.4.4.a	Identify the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence readers' opinions or actions.	Project: Working with Legal English
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Poetry

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Analyzing a Text
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Project: Reviewing a Review
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Adjective Clauses
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Adjective Phrases
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Appositive Phrases and Direct Address
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Essay: How-To
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Gerunds
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Literal Meaning
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Principal Parts and Participles
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	The Critical Essay
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Essay: Preparing the Review
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Project: Preparing a Critique

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WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Project: Preparing a Short Story
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Pygmalion: Act II, Part 2
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Pygmalion: Act III
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Pygmalion: Act IV
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Pygmalion: Act V, Part 1
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Pygmalion: Act V, Part 2
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Report: Print Media Analysis
WRI.9-10.1.2.1.a	Refers to prewriting plan.	Essay: Preparing the Review
WRI.9-10.1.2.1.a	Refers to prewriting plan.	Project: Preparing a Short Story
WRI.9-10.1.2.1.a	Refers to prewriting plan.	Selecting and Limiting a Topic
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Adjective Clauses
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Adjective Phrases
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Appositive Phrases and Direct Address
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Essay: Changing Language
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Essay: How-To
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Essay: Writing a Short Story
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Gerunds
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Literal Meaning
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Principal Parts and Participles
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	The Critical Essay
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Adjective Clauses
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Adjective Phrases
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Appositive Phrases and Direct Address
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Essay: Changing Language
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Essay: How-To
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Essay: Writing a Short Story
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Gerunds
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Literal Meaning
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Principal Parts and Participles
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	The Critical Essay

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WRI.9-10.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and justifies decision.	Essay: Writing a Short Story
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Adjective Clauses
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Adjective Phrases
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Appositive Phrases and Direct Address
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Essay: How-To
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Essay: Writing a Short Story
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Gerunds
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Literal Meaning
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Principal Parts and Participles
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	The Critical Essay
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Adjective Clauses
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Adjective Phrases

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WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Appositive Phrases and Direct Address
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Essay: How-To
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Essay: Writing a Short Story
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Gerunds
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Literal Meaning
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Principal Parts and Participles
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	The Critical Essay
WRI.9-10.1.3.1.c	Decides if revision is warranted.	Essay: Writing a Short Story
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Essay: Writing a Short Story
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Adjective Clauses
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Adjective Phrases
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Appositive Phrases and Direct Address
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Essay: How-To

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WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Gerunds
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Literal Meaning
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Principal Parts and Participles
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	The Critical Essay
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Adjective Clauses
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Adjective Phrases
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Appositive Phrases and Direct Address
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Essay: How-To
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Gerunds
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Literal Meaning
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Principal Parts and Participles
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	The Critical Essay
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Essay: Writing a Short Story
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Project: Resume and Cover Letter
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Project: Your Vacation
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Resume Planner
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Resumes

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WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Adjective Clauses
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Adjective Phrases
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Appositive Phrases and Direct Address
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Essay: How-To
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Gerunds
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Literal Meaning
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Principal Parts and Participles
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Project: Reviewing a Review
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	The Critical Essay
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Adjective Clauses
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Adjective Phrases
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Advanced Mechanics
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Appositive Phrases and Direct Address
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Essay: How-To
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Gerunds
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Literal Meaning
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Noun Clauses
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Principal Parts and Participles
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Pronoun Reference
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	The Critical Essay
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Adjective Clauses
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Noun Clauses
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Pronoun Reference
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Adjective Clauses
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Adjective Phrases

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WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Appositive Phrases and Direct Address
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Essay: How-To
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Gerunds
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Literal Meaning
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Noun Clauses
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Principal Parts and Participles
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Pronoun Reference
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	The Critical Essay
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Adjective Clauses
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Adjective Phrases
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Appositive Phrases and Direct Address
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Essay: How-To
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Essay: Writing a Short Story
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Gerunds
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Literal Meaning
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Principal Parts and Participles
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Pronoun/Antecedent Agreement
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	The Critical Essay
WRI.9-10.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., website, literary magazine, blog, local newspaper).	Project: Reviewing a Review
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Adjective Clauses
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Adjective Phrases
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Appositive Phrases and Direct Address
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Essay: How-To
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Gerunds

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WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Literal Meaning
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Principal Parts and Participles
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	The Critical Essay
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Project: Biography
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Project: Preparing a Short Story
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Pygmalion: Act II, Part 2
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Pygmalion: Act III
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Pygmalion: Act IV
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Pygmalion: Act V, Part 1
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Pygmalion: Act V, Part 2
WRI.9-10.1.5.1.e	Uses a variety of available technological resources (e.g., charts, overheads, word processor, photo software, presentation software) to produce, design, and publish a professional-looking final product.	Advanced Mechanics
WRI.9-10.1.5.1.e	Uses a variety of available technological resources (e.g., charts, overheads, word processor, photo software, presentation software) to produce, design, and publish a professional-looking final product.	Pronoun/Antecedent Agreement
WRI.9-10.1.6.1.a	Revises at any stage of process.	Essay: Writing a Short Story
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Adjective Clauses
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Adjective Phrases
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Appositive Phrases and Direct Address
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Essay: How-To
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Gerunds
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Literal Meaning
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Noun Clauses

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WRI.9-10.1.6.1.b	Edits as needed at any stage.	Principal Parts and Participles
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Pronoun Reference
WRI.9-10.1.6.1.b	Edits as needed at any stage.	The Critical Essay
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Adjective Clauses
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Essay: Changing Language
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Essay: Writing a Short Story
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Noun Clauses
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Pronoun Reference
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Adjective Clauses
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Adjective Phrases
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Appositive Phrases and Direct Address
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Essay: How-To
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Gerunds
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Literal Meaning
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Principal Parts and Participles
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Pronoun/Antecedent Agreement
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	The Critical Essay
WRI.9-10.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Essay: Changing Language
WRI.9-10.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Essay: Writing a Short Story
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Adjective Clauses
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Adjective Phrases
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Appositive Phrases and Direct Address
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Essay: How-To
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Gerunds
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Literal Meaning
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Principal Parts and Participles
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Project: Getting a Job

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WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	The Critical Essay
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Writing a Short Story
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Adjective Clauses
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Essay: Changing Language
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Essay: Preparing the Review
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Essay: Writing a Short Story
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Noun Clauses
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Project: Preparing a Short Story
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Pronoun Reference
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Selecting and Limiting a Topic
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Adjective Clauses
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Essay: Changing Language
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Essay: Preparing the Review
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Essay: Writing a Short Story
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Noun Clauses
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Project: Preparing a Short Story
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Pronoun Reference
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Selecting and Limiting a Topic

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WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Adjective Clauses
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Adjective Phrases
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Appositive Phrases and Direct Address
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Essay: How-To
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Gerunds
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Literal Meaning
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Principal Parts and Participles
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	The Critical Essay
WRI.9-10.2.1.1.d	Describes how a particular audience may interpret a text (e.g., eliminating biased language that might be offensive to the audience).	Messages and Meaning
WRI.9-10.2.1.1.d	Describes how a particular audience may interpret a text (e.g., eliminating biased language that might be offensive to the audience).	Project: Comparing Media
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Adjective Clauses
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Adjective Phrases
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Appositive Phrases and Direct Address
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Essay: How-To
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Gerunds
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Literal Meaning
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Principal Parts and Participles
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	The Critical Essay
WRI.9-10.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., applies for a job, communicates research findings, conveys technical information).	Report: Names
WRI.9-10.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., applies for a job, communicates research findings, conveys technical information).	Writing a Short Story
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Greek Drama
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Short Story Elements
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Adjective Clauses
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Adjective Phrases
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Appositive Phrases and Direct Address

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WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Essay: How-To
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Gerunds
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Literal Meaning
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Principal Parts and Participles
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	The Critical Essay
WRI.9-10.2.2.1.e	Writes to examine a variety of perspectives (e.g., argumentative paper on opposing viewpoints concerning medical research and animal testing).	The Critical Essay
WRI.9-10.2.2.1.f	Writes for more than one purpose using the same form (e.g., a memoir that persuades, entertains, and/or informs).	Project: Preparing a Short Story
WRI.9-10.2.2.1.f	Writes for more than one purpose using the same form (e.g., a memoir that persuades, entertains, and/or informs).	Pygmalion: Act II, Part 2
WRI.9-10.2.2.1.f	Writes for more than one purpose using the same form (e.g., a memoir that persuades, entertains, and/or informs).	Pygmalion: Act III
WRI.9-10.2.2.1.f	Writes for more than one purpose using the same form (e.g., a memoir that persuades, entertains, and/or informs).	Pygmalion: Act IV
WRI.9-10.2.2.1.f	Writes for more than one purpose using the same form (e.g., a memoir that persuades, entertains, and/or informs).	Pygmalion: Act V, Part 1
WRI.9-10.2.2.1.f	Writes for more than one purpose using the same form (e.g., a memoir that persuades, entertains, and/or informs).	Pygmalion: Act V, Part 2
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Exposition: Instructions
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Project: Preparing a Short Story
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Pygmalion: Act II, Part 2
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Pygmalion: Act III
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Pygmalion: Act IV
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Pygmalion: Act V, Part 1
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Pygmalion: Act V, Part 2

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WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Writing Compositions
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Writing a Short Story
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Critique
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Endings
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Language and Culture
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Paragraph Structure and Transition
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Poem Analysis
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: The Lady, or the Tiger?
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: The Necklace
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Theme and Experience
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Writing the Review
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Project: Preparing a Short Story
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Project: Writing a Poem
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Pygmalion: Act II, Part 2

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WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Pygmalion: Act III
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Pygmalion: Act IV
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Greek Drama
WRI.9-10.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	The Artistic Process
WRI.9-10.2.3.1.c	Produces a variety of new forms/genres.	Project: Preparing a Short Story
WRI.9-10.2.3.1.c	Produces a variety of new forms/genres.	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.c	Produces a variety of new forms/genres.	Pygmalion: Act III
WRI.9-10.2.3.1.c	Produces a variety of new forms/genres.	Pygmalion: Act IV
WRI.9-10.2.3.1.c	Produces a variety of new forms/genres.	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.c	Produces a variety of new forms/genres.	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.1	research papers	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.1	research papers	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.1	research papers	Pygmalion: Act III
WRI.9-10.2.3.1.d.1	research papers	Pygmalion: Act IV
WRI.9-10.2.3.1.d.1	research papers	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.1	research papers	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.1	research papers	Report: Media and Public Opinion
WRI.9-10.2.3.1.d.1	research papers	The Critical Essay
WRI.9-10.2.3.1.d.1	research papers	Writing About Literature
WRI.9-10.2.3.1.d.2	memoirs	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.2	memoirs	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.2	memoirs	Pygmalion: Act III
WRI.9-10.2.3.1.d.2	memoirs	Pygmalion: Act IV
WRI.9-10.2.3.1.d.2	memoirs	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.2	memoirs	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.3	mysteries	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.3	mysteries	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.3	mysteries	Pygmalion: Act III
WRI.9-10.2.3.1.d.3	mysteries	Pygmalion: Act IV
WRI.9-10.2.3.1.d.3	mysteries	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.3	mysteries	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.4	parodies	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.4	parodies	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.4	parodies	Pygmalion: Act III
WRI.9-10.2.3.1.d.4	parodies	Pygmalion: Act IV
WRI.9-10.2.3.1.d.4	parodies	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.4	parodies	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.5	monologues	Project: Preparing a Short Story

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WRI.9-10.2.3.1.d.5	monologues	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.5	monologues	Pygmalion: Act III
WRI.9-10.2.3.1.d.5	monologues	Pygmalion: Act IV
WRI.9-10.2.3.1.d.5	monologues	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.5	monologues	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.6	documentaries	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.6	documentaries	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.6	documentaries	Pygmalion: Act III
WRI.9-10.2.3.1.d.6	documentaries	Pygmalion: Act IV
WRI.9-10.2.3.1.d.6	documentaries	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.6	documentaries	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.7	cover letters	Effective Cover Letters
WRI.9-10.2.3.1.d.7	cover letters	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.7	cover letters	Project: Resume and Cover Letter
WRI.9-10.2.3.1.d.7	cover letters	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.7	cover letters	Pygmalion: Act III
WRI.9-10.2.3.1.d.7	cover letters	Pygmalion: Act IV
WRI.9-10.2.3.1.d.7	cover letters	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.7	cover letters	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.8	satires	History of the Novel, Part 1
WRI.9-10.2.3.1.d.8	satires	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.8	satires	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.8	satires	Pygmalion: Act III
WRI.9-10.2.3.1.d.8	satires	Pygmalion: Act IV
WRI.9-10.2.3.1.d.8	satires	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.8	satires	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Critique
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Endings
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Language and Culture
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Paragraph Structure and Transition
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Poem Analysis
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: The Lady, or the Tiger?
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: The Necklace
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Theme and Experience
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Writing the Review
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Pygmalion: Act III
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Pygmalion: Act IV
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.10	editorials	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.10	editorials	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.10	editorials	Pygmalion: Act III
WRI.9-10.2.3.1.d.10	editorials	Pygmalion: Act IV
WRI.9-10.2.3.1.d.10	editorials	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.10	editorials	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.11	proposals	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.11	proposals	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.11	proposals	Pygmalion: Act III
WRI.9-10.2.3.1.d.11	proposals	Pygmalion: Act IV
WRI.9-10.2.3.1.d.11	proposals	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.11	proposals	Pygmalion: Act V, Part 2

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WRI.9-10.2.3.1.d.12	résumés	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.12	résumés	Project: Resume and Cover Letter
WRI.9-10.2.3.1.d.12	résumés	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.12	résumés	Pygmalion: Act III
WRI.9-10.2.3.1.d.12	résumés	Pygmalion: Act IV
WRI.9-10.2.3.1.d.12	résumés	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.12	résumés	Pygmalion: Act V, Part 2
WRI.9-10.2.3.1.d.12	résumés	Resume Planner
WRI.9-10.2.3.1.d.12	résumés	Resumes
WRI.9-10.2.3.1.d.13	blogs	Project: Preparing a Short Story
WRI.9-10.2.3.1.d.13	blogs	Pygmalion: Act II, Part 2
WRI.9-10.2.3.1.d.13	blogs	Pygmalion: Act III
WRI.9-10.2.3.1.d.13	blogs	Pygmalion: Act IV
WRI.9-10.2.3.1.d.13	blogs	Pygmalion: Act V, Part 1
WRI.9-10.2.3.1.d.13	blogs	Pygmalion: Act V, Part 2
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Adjective Clauses
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Adjective Phrases
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Appositive Phrases and Direct Address
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Essay: Changing Language
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Essay: How-To
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Gerunds
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Literal Meaning
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Principal Parts and Participles
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	The Critical Essay
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	Project: Resume and Cover Letter
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	Resume Planner
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	Resumes
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Adjective Clauses
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Adjective Phrases

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WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Appositive Phrases and Direct Address
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Essay: How-To
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Gerunds
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Literal Meaning
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Principal Parts and Participles
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	The Critical Essay
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Selecting and Limiting a Topic
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Report: Internet Media Analysis
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Report: Names
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	The Television Explosion 1950s-1980s
WRI.9-10.3.1.2.a	Writes unified, cohesive paragraphs (e.g., repetition of key terms; parallel structure).	Connecting Sentences
WRI.9-10.3.1.2.a	Writes unified, cohesive paragraphs (e.g., repetition of key terms; parallel structure).	Developing Paragraphs
WRI.9-10.3.1.2.a	Writes unified, cohesive paragraphs (e.g., repetition of key terms; parallel structure).	Paragraph Structure
WRI.9-10.3.1.2.a	Writes unified, cohesive paragraphs (e.g., repetition of key terms; parallel structure).	Project: Writing Paragraphs

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WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Adjective Clauses
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Adjective Phrases
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Appositive Phrases and Direct Address
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Essay: How-To
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Gerunds
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Literal Meaning
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Principal Parts and Participles
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	The Critical Essay
WRI.9-10.3.1.2.d	Uses transitional words and phrases between paragraphs to signal emphasis or show logical relationships among ideas (e.g., in fact ..., consequently ..., as a result ..., on the other hand ...).	Adverb Phrases
WRI.9-10.3.1.2.d	Uses transitional words and phrases between paragraphs to signal emphasis or show logical relationships among ideas (e.g., in fact ..., consequently ..., as a result ..., on the other hand ...).	Connecting Sentences
WRI.9-10.3.1.2.d	Uses transitional words and phrases between paragraphs to signal emphasis or show logical relationships among ideas (e.g., in fact ..., consequently ..., as a result ..., on the other hand ...).	Infinitive Phrases
WRI.9-10.3.1.2.d	Uses transitional words and phrases between paragraphs to signal emphasis or show logical relationships among ideas (e.g., in fact ..., consequently ..., as a result ..., on the other hand ...).	Participial and Gerund Phrases
WRI.9-10.3.1.2.e	Determines effective sequence between and within paragraphs by using transitions to emphasize points in an argument or show logical connections (e.g., inasmuch as ..., possibly ..., therefore ...).	Connecting Sentences
WRI.9-10.3.1.2.f.4	narrative (e.g., story within a story)	Writing a Short Story
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Adjective Clauses
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Adjective Phrases
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Appositive Phrases and Direct Address
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Essay: How-To

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WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Gerunds
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Literal Meaning
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Principal Parts and Participles
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	The Critical Essay
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Adjective Clauses
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Adjective Phrases
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Appositive Phrases and Direct Address
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Essay: How-To
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Exposition: Instructions
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Gerunds
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Literal Meaning
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Principal Parts and Participles
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	The Critical Essay
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Writing Compositions
WRI.9-10.3.2.1.c	Selects appropriate point of view for technical writing and/or specific content areas (e.g., third-person point of view for science lab write-ups, first person for field journals, second person for how-to technical manuals).	Gender and Case in Pronouns
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Language and Meaning
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Language and Meaning
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Writing a Short Story
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Adjective Clauses
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Adjective Phrases
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Appositive Phrases and Direct Address
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Essay: How-To
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Gerunds

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WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Literal Meaning
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Principal Parts and Participles
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	The Critical Essay
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Adjective Clauses
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Adjective Phrases
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Appositive Phrases and Direct Address
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Essay: How-To
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Gerunds
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Literal Meaning
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Principal Parts and Participles
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Roman, Medieval, and Elizabethan Drama
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	The Critical Essay
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Adjective Clauses
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Adjective Phrases
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Appositive Phrases and Direct Address
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Essay: How-To
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Gerunds
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Literal Meaning
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Poetic Form and Rhyme
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Principal Parts and Participles
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Project: Writing a Poem
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	The Critical Essay
WRI.9-10.3.2.2.g	Considers connotation and denotation, including cultural connotation, when selecting words (police officer vs. cop, bias vs. prejudice).	Language and Meaning
WRI.9-10.3.2.2.g	Considers connotation and denotation, including cultural connotation, when selecting words (police officer vs. cop, bias vs. prejudice).	Messages and Meaning

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WRI.9-10.3.2.3.a	Writes a variety of sentence structures and lengths to create a cadence appropriate for diverse audiences, purposes, and forms.	Sentence Structure
WRI.9-10.3.2.3.a	Writes a variety of sentence structures and lengths to create a cadence appropriate for diverse audiences, purposes, and forms.	Sentence Variety
WRI.9-10.3.2.3.a	Writes a variety of sentence structures and lengths to create a cadence appropriate for diverse audiences, purposes, and forms.	Writing a Short Story
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Adjective Clauses
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Adjective Phrases
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Appositive Phrases and Direct Address
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Essay: How-To
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Gerunds
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Literal Meaning
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Principal Parts and Participles
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Sentence Structure
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	Sentence Variety
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.>").	The Critical Essay
WRI.9-10.3.2.3.c	Writes short sentences and phrases in technical writing.	Adverb Phrases
WRI.9-10.3.2.3.c	Writes short sentences and phrases in technical writing.	Infinitive Phrases
WRI.9-10.3.2.3.c	Writes short sentences and phrases in technical writing.	Participial and Gerund Phrases
WRI.9-10.3.2.3.c	Writes short sentences and phrases in technical writing.	Principal Parts and Participles
WRI.9-10.3.2.3.d	Uses a variety of sentence structures (e.g., line breaks, stanzas, pattern, repetition) to purposefully shape a poem.	Sentence Structure
WRI.9-10.3.2.3.d	Uses a variety of sentence structures (e.g., line breaks, stanzas, pattern, repetition) to purposefully shape a poem.	Sentence Variety
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Adjective Clauses
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Adjective Phrases
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Appositive Phrases and Direct Address
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Essay: How-To
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Gerunds
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Literal Meaning

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WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Principal Parts and Participles
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	The Critical Essay
WRI.9-10.3.3.2.b	Uses multiple strategies to spell.	Pronoun/Antecedent Agreement
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Adjective Clauses
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Adjective Phrases
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Appositive Phrases and Direct Address
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Essay: How-To
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Gerunds
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Literal Meaning
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Principal Parts and Participles
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	The Critical Essay
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Adding Suffixes
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Adjective Clauses
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Adjective Phrases
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Appositive Phrases and Direct Address
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Essay: How-To
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Gerunds
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Literal Meaning
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Morphemes and Inflections
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Principal Parts and Participles
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Roots and Affixes
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	The Critical Essay
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Understanding Suffixes
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Adjective Clauses
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Adjective Phrases
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Appositive Phrases and Direct Address
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Essay: How-To
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Gerunds
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Literal Meaning
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Principal Parts and Participles
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	The Critical Essay
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Adjective Clauses
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Adjective Phrases
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Appositive Phrases and Direct Address

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WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Essay: How-To
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Gerunds
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Literal Meaning
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Principal Parts and Participles
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	The Critical Essay
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Adjective Clauses
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Adjective Phrases
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Advanced Mechanics
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Appositive Phrases and Direct Address
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Capitals and Commas
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Essay: How-To
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Gerunds
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Literal Meaning
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Principal Parts and Participles
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	The Critical Essay
WRI.9-10.3.3.3.b	Uses resources to check capitalization.	Capitals and Commas
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Adjective Clauses
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Adjective Phrases
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Appositive Phrases and Direct Address
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Essay: How-To
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Gerunds
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Literal Meaning
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Principal Parts and Participles
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Punctuating Ideas
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	The Critical Essay
WRI.9-10.3.3.4.b	Uses commas to set off nonrestrictive clauses (e.g., The gym, which was built last year, is used every day.).	Adverb Clauses
WRI.9-10.3.3.4.b	Uses commas to set off nonrestrictive clauses (e.g., The gym, which was built last year, is used every day.).	Appositive Phrases and Direct Address
WRI.9-10.3.3.4.b	Uses commas to set off nonrestrictive clauses (e.g., The gym, which was built last year, is used every day.).	Capitals and Commas
WRI.9-10.3.3.4.b	Uses commas to set off nonrestrictive clauses (e.g., The gym, which was built last year, is used every day.).	Punctuating Ideas
WRI.9-10.3.3.4.b	Uses commas to set off nonrestrictive clauses (e.g., The gym, which was built last year, is used every day.).	Sentence Variety
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Adjective Clauses
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Adjective Phrases
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Appositive Phrases and Direct Address
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Essay: How-To
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Gerunds
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Literal Meaning

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WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Noun Clauses
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Principal Parts and Participles
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Pronoun Reference
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	The Critical Essay
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Adjective Clauses
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Adjective Phrases
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Appositive Phrases and Direct Address
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Essay: How-To
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Gerunds
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Literal Meaning
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Principal Parts and Participles
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	The Critical Essay
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Adjective Clauses
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Adjective Phrases
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Advanced Mechanics
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Appositive Phrases and Direct Address
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Essay: How-To
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Gerunds
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Literal Meaning
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Principal Parts and Participles
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Punctuating Ideas
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	The Critical Essay
WRI.9-10.3.3.4.f	Uses resources to check punctuation.	Punctuating Ideas
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Adjective Clauses

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WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Adjective Phrases
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Advanced Mechanics
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Appositive Phrases and Direct Address
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Essay: How-To
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Forming Noun Plurals
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Gerunds
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Literal Meaning
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Personal Pronouns
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Principal Parts and Participles
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Pronoun/Antecedent Agreement
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	The Critical Essay
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Adjective Clauses
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Adjective Phrases
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Appositive Phrases and Direct Address
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Essay: How-To
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Forming Noun Plurals
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Gerunds
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Literal Meaning
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Personal Pronouns

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WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Principal Parts and Participles
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Pronoun/Antecedent Agreement
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	The Critical Essay
WRI.9-10.3.3.5.c	Uses who vs. whom correctly.	Advanced Mechanics
WRI.9-10.3.3.5.c	Uses who vs. whom correctly.	Language and Meaning
WRI.9-10.3.3.5.c	Uses who vs. whom correctly.	Standard English
WRI.9-10.3.3.5.d	Uses that vs. which and that vs. who correctly.	Advanced Mechanics
WRI.9-10.3.3.5.d	Uses that vs. which and that vs. who correctly.	Language and Meaning
WRI.9-10.3.3.5.d	Uses that vs. which and that vs. who correctly.	Standard English
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Adjective Clauses
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Adjective Phrases
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Advanced Mechanics
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Appositive Phrases and Direct Address
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Essay: How-To
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Forming Noun Plurals
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Gerunds
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Language and Meaning
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Literal Meaning
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Personal Pronouns
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Principal Parts and Participles
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Pronoun/Antecedent Agreement
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Standard English
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	The Critical Essay
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Adjective Clauses
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Adjective Phrases
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Advanced Mechanics
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Appositive Phrases and Direct Address
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Essay: How-To
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Forming Noun Plurals
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Gerunds
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Language and Meaning
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Literal Meaning

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WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Personal Pronouns
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Principal Parts and Participles
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Pronoun/Antecedent Agreement
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Standard English
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	The Critical Essay
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Adjective Clauses
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Adjective Phrases
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Advanced Mechanics
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Appositive Phrases and Direct Address
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Essay: How-To
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Forming Noun Plurals
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Gerunds
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Language and Meaning
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Literal Meaning
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Personal Pronouns
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Principal Parts and Participles
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Pronoun/Antecedent Agreement
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Standard English
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	The Critical Essay

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WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Adjective Clauses
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Adjective Phrases
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Adverb Clauses
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Appositive Phrases and Direct Address
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Constructing Sentences
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Essay: How-To
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Forming Noun Plurals
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Gerunds
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Infinitives
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Literal Meaning
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Noun Clauses
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Personal Pronouns
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Principal Parts and Participles
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Pronoun/Antecedent Agreement
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Sentence Variety
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	The Critical Essay
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Adjective Clauses
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Adjective Phrases

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WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Appositive Phrases and Direct Address
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Constructing Sentences
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Essay: How-To
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Forming Noun Plurals
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Gerunds
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Infinitives
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Literal Meaning
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Noun Clauses
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Personal Pronouns
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Principal Parts and Participles
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Pronoun/Antecedent Agreement
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Sentence Variety
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	The Critical Essay
WRI.9-10.3.3.5.i	Uses resources to check usage.	Adjective Phrases
WRI.9-10.3.3.5.i	Uses resources to check usage.	Forming Noun Plurals
WRI.9-10.3.3.5.i	Uses resources to check usage.	Personal Pronouns
WRI.9-10.3.3.5.i	Uses resources to check usage.	Pronoun/Antecedent Agreement
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Adjective Clauses
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Adjective Phrases
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Appositive Phrases and Direct Address
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Essay: How-To
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Gerunds
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Literal Meaning
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Principal Parts and Participles
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Sentence Structure
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	The Critical Essay

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WRI.9-10.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Connecting Sentences
WRI.9-10.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Developing Paragraphs
WRI.9-10.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Paragraph Structure
WRI.9-10.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Project: Writing Paragraphs
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Advanced Mechanics
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Project: Giving a Speech
WRI.9-10.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., accurate scientific terms regarding the effectiveness of the solution to the problem).	Language in Motion: Word Meaning
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Adjective Clauses
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Adjective Phrases
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Appositive Phrases and Direct Address
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Essay: How-To
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Gerunds
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Literal Meaning
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Principal Parts and Participles
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Project: Giving a Speech
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	The Critical Essay
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Adjective Clauses
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Adjective Phrases

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Section	Description	Lesson Title
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Appositive Phrases and Direct Address
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Essay: How-To
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Gerunds
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Literal Meaning
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Principal Parts and Participles
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	The Critical Essay
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Adjective Clauses
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Adjective Phrases
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Appositive Phrases and Direct Address
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Essay: How-To
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Gerunds
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Literal Meaning
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Principal Parts and Participles
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	The Critical Essay
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Adjective Clauses
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Adjective Phrases
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Appositive Phrases and Direct Address
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Essay: How-To
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Gerunds
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Literal Meaning
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Principal Parts and Participles
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	The Critical Essay
Subject:	Communication	
Grade:	Grades: 9-10	
Section	Description	Lesson Title

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COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Active Listening
COM.9-10.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Literal Meaning
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Analogies
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Imagery and Figurative Language
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Listening for Main Ideas
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Adding Suffixes
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Forming Noun Plurals
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Giving a Speech
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Project: Writing a Speech
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Pronoun/Antecedent Agreement
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Report: Print Media Analysis
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Understanding Suffixes
COM.9-10.1.2.2.a	Critiques the effectiveness of persuasive techniques on target audiences (e.g., ethos, pathos, logos appeals, fallacies, propaganda).	Figurative and Symbolic Meaning
COM.9-10.1.2.2.b	Critiques differing points of view for persuasive effect (e.g., Social Studies CBA: Reviews and critiques various visual depictions of globalization found in the mass media to evaluate whether it is portrayed negatively or positively).	Essay: Critique
COM.9-10.1.2.2.b	Critiques differing points of view for persuasive effect (e.g., Social Studies CBA: Reviews and critiques various visual depictions of globalization found in the mass media to evaluate whether it is portrayed negatively or positively).	Essay: Paragraph Structure and Transition
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Celebrated Jumping Frog of Calaveras County
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Media and Motive

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COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Project: Comparing Media
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Report: Broadcast Media Analysis
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Report: Internet Media Analysis
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	The Internet and Beyond: 1980s-Present
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	The Television Explosion 1950s-1980s
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Celebrated Jumping Frog of Calaveras County
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Report: Broadcast Media Analysis
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Report: Print Media Analysis
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Adding Suffixes
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Forming Noun Plurals
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Pronoun/Antecedent Agreement
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Report: Print Media Analysis
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Understanding Suffixes
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Active Listening
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Essay: Critique
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Essay: Paragraph Structure and Transition
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Report: Media and Public Opinion

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COM.9-10.2.3.1.b	Discusses how power and dominance affect intercultural communication (e.g., workplace hierarchies such as boss/supervisor to employee; historical and present relations between cultures).	Writing a Literary Critique
COM.9-10.2.3.2.a	Develops a construct for how physical and human settings can affect communication (e.g., timing, social climate, customs, religion, social practices, politics, values, education).	Writing a Literary Critique
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Adding Suffixes
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Essay: Changing Language
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Essay: Language and Culture
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Forming Noun Plurals
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Pronoun/Antecedent Agreement
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Report: Print Media Analysis
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Understanding Suffixes
COM.9-10.3.1.1.a	Determines the topic and the audience selects a purpose (e.g., monologue, debate, historical reenactment, speech, mock job/academic interview).	Report: Print Media Analysis
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Adding Suffixes
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Forming Noun Plurals
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Pronoun/Antecedent Agreement
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Report: Print Media Analysis
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Understanding Suffixes

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COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Adding Suffixes
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Advanced Reading Skills
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Analogies
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Forming Noun Plurals
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Giving a Speech
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Logic and Relationships
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Project: Writing a Speech
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Pronoun/Antecedent Agreement
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Report: Print Media Analysis
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Understanding Suffixes
COM.9-10.3.1.1.e	Uses logical, ethical, and emotional appeals to support the purpose.	Report: Print Media Analysis
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Report: Print Media Analysis
COM.9-10.4.1.1.a	Articulates the qualities that make communication effective (e.g., body language, pace, volume, tone, expression).	Messages and Meaning
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Project: Giving a Speech
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Report: Media and Public Opinion
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Adding Suffixes
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Choosing the Language
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Forming Noun Plurals

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COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Language and Meaning
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Pronoun/Antecedent Agreement
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Report: Print Media Analysis
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Understanding Suffixes
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Adding Suffixes
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Forming Noun Plurals
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Giving a Speech
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Project: Writing a Speech
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Pronoun/Antecedent Agreement
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Report: Print Media Analysis
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Understanding Suffixes
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Adding Suffixes
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Forming Noun Plurals
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Pronoun/Antecedent Agreement
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Report: Print Media Analysis
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Understanding Suffixes
COM.9-10.4.2.1.b	Monitors progress through the use of a variety of tools (e.g., portfolios, logs, rubrics, reflection journals, or video portfolio) making adjustments as needed.	Report: Names
Subject:	Reading	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Language in Motion: Etymology
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Language in Motion: Pronunciation

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READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Language in Motion: Vocabulary
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Library Skills
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Morphemes and Inflections
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Roots and Affixes
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Word Use and Suffixes
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Events, Ideas, and Biography
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Greek Drama
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Language in Motion: Pronunciation
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Language in Motion: Word Meaning
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Morphemes and Inflections
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Project: Reviewing a Review
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Report: Print Media Analysis
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Word Use and Suffixes
READ.9-10.1.3.2	Understand and apply content/academic vocabulary critical to the meaning of the text, including vocabularies relevant to different contexts, cultures, and communities.	Essay: Social Class
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Adding Suffixes
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Adjective Clauses
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Adjective Phrases

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READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Appositive Phrases and Direct Address
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Essay: How-To
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Events, Ideas, and Biography
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Forming Noun Plurals
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Gerunds
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Literal Meaning
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Principal Parts and Participles
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Project: Reviewing a Review
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Pronoun/Antecedent Agreement
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Report: Print Media Analysis

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READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	The Critical Essay
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Understanding Suffixes
READ.9-10.1.3.2.b	Explain the meaning of content-specific vocabulary words (e.g., regeneration, isolationism, emancipation, polarized).	Language in Motion: Pronunciation
READ.9-10.1.3.2.b	Explain the meaning of content-specific vocabulary words (e.g., regeneration, isolationism, emancipation, polarized).	Morphemes and Inflections
READ.9-10.1.3.2.c	Select, from multiple choices, the meaning of a word identified in the text.	Analogies
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Events, Ideas, and Biography
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Greek Drama
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Language in Motion: Pronunciation
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Morphemes and Inflections
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Project: Reviewing a Review
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Report: Print Media Analysis
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Analyzing a Text
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Literal Meaning
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Recognizing Main Ideas
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Analyzing a Text
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Project: Outline
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Project: Preparing a Critique

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READ.9-10.2.1.3.c	Choose, from multiple choices, a title that best fits the selection and provide details from the text to support the choice.	Analyzing a Text
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Analyzing a Text
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Essay: The Lady, or the Tiger?
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Essay: The Necklace
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Greek Drama
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Project: Outline
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Project: Preparing a Critique
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Recognizing Main Ideas
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Analyzing a Text
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Project: Outline
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Project: Preparing a Critique
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Recognizing Main Ideas
READ.9-10.2.1.4.a	Use previous experience, knowledge of current issues, information previously learned to make connections, draw conclusions, and generalize about what is read (e.g., transfer knowledge of the concept of tragedy from one text to another).	Advanced Reading Skills
READ.9-10.2.1.5.a	Make inferences based on implicit and explicit information drawn from prior knowledge and text; provide justification for inferences.	Advanced Reading Skills
READ.9-10.2.1.5.a	Make inferences based on implicit and explicit information drawn from prior knowledge and text; provide justification for inferences.	Analyzing a Text
READ.9-10.2.1.5.b	Make predictions and inferences about an author's beliefs and cite text-based evidence to support prediction/inference (e.g., find text passages that support an inference that the author advocates economic change).	Advanced Reading Skills
READ.9-10.2.1.5.b	Make predictions and inferences about an author's beliefs and cite text-based evidence to support prediction/inference (e.g., find text passages that support an inference that the author advocates economic change).	Analyzing a Text
READ.9-10.2.1.5.c	Read several accounts of the same event and make inferences about the impact each would have on the reader (e.g., discuss the emotional impact of a journal entry by a soldier's parent, a letter from a Union or Confederate soldier, and a newspaper article describing a Civil War battle).	Advanced Reading Skills

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READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Advanced Reading Skills
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Analyzing a Text
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Project: Outline
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Project: Preparing a Critique
READ.9-10.2.1.5.e	Organize information to support a prediction or inference in a self-created graphic organizer.	Advanced Reading Skills
READ.9-10.2.1.5.e	Organize information to support a prediction or inference in a self-created graphic organizer.	Analyzing a Text
READ.9-10.2.1.5.e	Organize information to support a prediction or inference in a self-created graphic organizer.	Project: Outline
READ.9-10.2.1.5.e	Organize information to support a prediction or inference in a self-created graphic organizer.	Project: Preparing a Critique
READ.9-10.2.1.6.b	Develop questions before, during, and after reading and use knowledge of questioning strategies to locate answers.	Essay: The Lady, or the Tiger?
READ.9-10.2.1.6.b	Develop questions before, during, and after reading and use knowledge of questioning strategies to locate answers.	Essay: The Necklace
READ.9-10.2.1.6.b	Develop questions before, during, and after reading and use knowledge of questioning strategies to locate answers.	Project: Catalog Systems
READ.9-10.2.1.6.b	Develop questions before, during, and after reading and use knowledge of questioning strategies to locate answers.	Project: Reviewing a Review
READ.9-10.2.1.6.d	Organize images and information into a self-created graphic organizer to enhance text comprehension.	Analyzing a Text
READ.9-10.2.1.6.d	Organize images and information into a self-created graphic organizer to enhance text comprehension.	Project: Outline
READ.9-10.2.1.6.d	Organize images and information into a self-created graphic organizer to enhance text comprehension.	Project: Preparing a Critique
READ.9-10.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; avoids interpretation or judgment; and uses an organizational pattern that supports the author's intent.	Project: Outline
READ.9-10.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; avoids interpretation or judgment; and uses an organizational pattern that supports the author's intent.	Recognizing Main Ideas
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Advanced Reading Skills

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READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Analyzing a Text
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Project: Outline
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Project: Reviewing a Review
READ.9-10.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Analyzing a Text
READ.9-10.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Project: Outline
READ.9-10.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Project: Preparing a Critique
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Analyzing a Text
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Events, Ideas, and Biography
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Project: Outline
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Project: Preparing a Critique
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Project: Reviewing a Review
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Project: Technical Instructions
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Report: Print Media Analysis
READ.9-10.2.2.2.a	Use text features to verify, support, or clarify meaning.	Analyzing a Text
READ.9-10.2.2.2.b	Use the features of electronic information to communicate, gain information, or research a topic.	Project: Getting a Job
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Essay: Endings

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READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	History of the Novel, Part 1
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	History of the Novel, Part 2
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Novel and Plot
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Short Story Elements
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	The Artistic Process
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Writing a Literary Critique
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Greek Drama
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Report: Print Media Analysis
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Analyzing a Text
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Celebrated Jumping Frog of Calaveras County
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Essay: Endings
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	The Lady, or the Tiger?
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	The Necklace
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Writing a Short Story
READ.9-10.2.2.4.a	Recognize and use previously taught organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, problem/solution, episodic, and generalization/principle) to aid comprehension.	Analyzing a Text
READ.9-10.2.2.4.a	Recognize and use previously taught organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, problem/solution, episodic, and generalization/principle) to aid comprehension.	Project: Outline

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READ.9-10.2.2.4.a	Recognize and use previously taught organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, problem/solution, episodic, and generalization/principle) to aid comprehension.	Project: Preparing a Critique
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Analyzing a Text
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Essay: How-To
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Project: Outline
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Project: Preparing a Critique
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Project: Preparing a Short Story
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Greek Drama
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Character, Symbol, and Mood
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Pygmalion: Act II, Part 1
READ.9-10.2.3.1.e	Explain how an action leads to longlasting effects (e.g., environmental, economic, and/or political impact of off-shore drilling or strip mining; socioeconomic and psychological makeup of African-American individuals, families, and communities as a result of slavery).	Writing a Literary Critique
READ.9-10.2.3.2.a	Judge the usefulness of information based on relevance to purpose, source, objectivity, copyright date, cultural and world perspective (e.g., editorials), and support the decision.	Messages and Meaning
READ.9-10.2.3.4.a	Integrate information from different sources to research and complete a project.	Project: Getting a Job
READ.9-10.2.3.4.a	Integrate information from different sources to research and complete a project.	Report: Internet Media Analysis
READ.9-10.2.3.4.a	Integrate information from different sources to research and complete a project.	Report: Names
READ.9-10.2.3.4.a	Integrate information from different sources to research and complete a project.	The Television Explosion 1950s-1980s
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Messages and Meaning
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Report: Names
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	The Television Explosion 1950s-1980s
READ.9-10.2.4.1.b	Select, from multiple choices, a statement that best represents the most important conclusion that may be drawn from the selection.	Greek Drama

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READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Character, Symbol, and Mood
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Essay: Poem Analysis
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Figurative Language and Sound Effects
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Figurative and Symbolic Meaning
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Imagery and Figurative Language
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Literal Meaning
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Reading Drama
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	The Necklace
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	American Regional Dialects
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Imagery and Figurative Language
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Language and Meaning
READ.9-10.2.4.3.b	Judge the accuracy of the information in a text, citing text-based evidence, author's use of expert authority, author's credibility to defend the evaluation.	Analyzing a Text
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Advanced Reading Skills
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Essay: Social Class
READ.9-10.2.4.5.c	Provide a response to text that expresses an insight (e.g., author's perspective, the nature of conflict) or use text-based information to solve a problem not identified in the text (e.g., use information from a variety of sources to write an editorial or make a presentation about world health issues).	Analyzing a Text
READ.9-10.2.4.6.a	Differentiate how a concept is presented and/or developed in and beyond texts (e.g., the role fear plays in war, prejudice, relationships, personal safety).	Analyzing a Text

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READ.9-10.2.4.6.a	Differentiate how a concept is presented and/or developed in and beyond texts (e.g., the role fear plays in war, prejudice, relationships, personal safety).	Project: Outline
READ.9-10.2.4.6.a	Differentiate how a concept is presented and/or developed in and beyond texts (e.g., the role fear plays in war, prejudice, relationships, personal safety).	Project: Preparing a Critique
READ.9-10.2.4.6.b	Compare the development of an idea or concept in multiple texts; decide which is best presented and developed and support the decision with text-based evidence.	Analyzing a Text
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Analyzing a Text
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Project: Outline
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Project: Preparing a Critique
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Recognizing Main Ideas
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Analyzing a Text
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Project: Reviewing a Review
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Report: Print Media Analysis
READ.9-10.2.4.7.b	Compare and contrast readings on the same topics by explaining how the authors reach the same or different conclusions based on differences and similarities in evidence, reasoning, assumptions, purposes, beliefs, and biases.	Essay: The Lady, or the Tiger?
READ.9-10.2.4.7.b	Compare and contrast readings on the same topics by explaining how the authors reach the same or different conclusions based on differences and similarities in evidence, reasoning, assumptions, purposes, beliefs, and biases.	Essay: The Necklace
READ.9-10.2.4.7.b	Compare and contrast readings on the same topics by explaining how the authors reach the same or different conclusions based on differences and similarities in evidence, reasoning, assumptions, purposes, beliefs, and biases.	Report: Broadcast Media Analysis
READ.9-10.2.4.7.b	Compare and contrast readings on the same topics by explaining how the authors reach the same or different conclusions based on differences and similarities in evidence, reasoning, assumptions, purposes, beliefs, and biases.	Report: Print Media Analysis
READ.9-10.2.4.7.c	Select, from multiple choices, a sentence that describes the reasoning of a character or an author, both faulty and logical.	Logic and Relationships

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READ.9-10.2.4.7.d	Make judgments about how effectively an author has supported his/her belief and/or assumptions, citing text-based evidence.	Analyzing a Text
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Effective Cover Letters
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Essay: How-To
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Exposition: Instructions
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Project: Getting a Job
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Project: Resume and Cover Letter
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Resume Planner
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Resumes
READ.9-10.3.3.1.b	Read professional-level materials, including electronic information, that match career or academic interests and demonstrate understanding of the content.	Analyzing a Text
READ.9-10.3.3.1.b	Read professional-level materials, including electronic information, that match career or academic interests and demonstrate understanding of the content.	Exposition: Instructions
READ.9-10.3.3.1.b	Read professional-level materials, including electronic information, that match career or academic interests and demonstrate understanding of the content.	Project: Outline
READ.9-10.3.3.1.b	Read professional-level materials, including electronic information, that match career or academic interests and demonstrate understanding of the content.	Project: Preparing a Critique
READ.9-10.3.3.1.c	Select and use appropriate skills for reading a variety of documents (e.g., tables, blueprints, electronic technology manuals, bills of lading, medical charts, mechanical manuals).	Project: Technical Instructions

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READ.9-10.3.4.2.a	Critique author's choice of literary genres to convey a message.	Writing About Literature
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Analyzing a Text
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Essay: Poem Analysis
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Literal Meaning
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Meter and Diction
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Poetic Form and Rhyme
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Essay: Character Analysis
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Essay: Social Class
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Essay: Theme and Experience
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Pygmalion: Act I
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Pygmalion: Act II, Part 1
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Pygmalion: Act II, Part 2
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Pygmalion: Act III
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Pygmalion: Act IV
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Pygmalion: Act V, Part 1
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Pygmalion: Act V, Part 2

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READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Report: Print Media Analysis
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Greek Drama
READ.9-10.3.4.4.b	Critique the contribution to society made by traditional, classic, and/or contemporary works of literature that deal with similar topics and problems (e.g., individual needs vs. needs of society, community maintenance, civil disobedience, humanity's relationship with nature).	Literature and Meaning
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Active Listening
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Essay: The Necklace
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Events, Ideas, and Biography
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Project: Reviewing a Review
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Report: Media and Public Opinion
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Report: Print Media Analysis

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Conducting an Interview
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Finding Sources in the Library
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Researching an Argument
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Web Sources
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Essay: Persuasion
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Final Draft of Complex Process Essay
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Introducing an Argument and Building an Outline
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Methods of Appeal in the Media
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Phrases
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Possessive Nouns
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Researching Your Argument

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WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	What is Persuasion?
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Complex Process Project
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Introducing Your Argument
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Introducing an Argument and Building an Outline
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Introduction to Conclusion
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Letter Writing
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Report: Synthesis
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Structures and Features
WRI.9-10.1.2.1.a	Refers to prewriting plan.	Complex Process Project
WRI.9-10.1.2.1.a	Refers to prewriting plan.	Preparing to Write a Paper
WRI.9-10.1.2.1.a	Refers to prewriting plan.	Prewriting Strategies
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Final Draft of Complex Process Essay
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Introduction to Conclusion
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Letter Writing
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Phrases
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Possessive Nouns
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Writing a Rough Draft
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Final Draft of Complex Process Essay
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Introduction to Conclusion
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Phrases
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Possessive Nouns
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Prepositions, Conjunctions, and Interjections

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WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Writing a Rough Draft
WRI.9-10.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and justifies decision.	Introduction to Conclusion
WRI.9-10.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and justifies decision.	Peer Review and Evaluation
WRI.9-10.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and justifies decision.	Revising Your Draft
WRI.9-10.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and justifies decision.	Revision and Evaluation
WRI.9-10.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and justifies decision.	Writing a Rough Draft
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Final Draft of Complex Process Essay
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Phrases
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Possessive Nouns
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Revising Your Draft
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Revision and Evaluation
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Final Draft of Complex Process Essay
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Phrases

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WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Possessive Nouns
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Revising Your Draft
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Revision and Evaluation
WRI.9-10.1.3.1.c	Decides if revision is warranted.	Revising Your Draft
WRI.9-10.1.3.1.c	Decides if revision is warranted.	Revision and Evaluation
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Peer Review and Evaluation
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Project: Delivering a Speech
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Revising Your Draft
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Revision and Evaluation
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Final Draft of Complex Process Essay
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Phrases
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Possessive Nouns
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Final Draft of Complex Process Essay

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WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Peer Review and Evaluation
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Phrases
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Possessive Nouns
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Essay: Business Letter
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Modes and Methods
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Revising Your Draft
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Revision and Evaluation
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	SOAP and the World of Business
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Writing a Rough Draft
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Final Draft of Complex Process Essay
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Finding Sources in the Library
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Phrases
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Possessive Nouns
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Prepositions, Conjunctions, and Interjections

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WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Web Sources
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Final Draft of Complex Process Essay
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Phrases
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Plural Nouns
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Possessive Nouns
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Finding Sources in the Library
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Plural Nouns
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.4.1.b	Uses appropriate references and resources (e.g., dictionary, writing/style guide, electronic spelling and grammar check, adult, peer).	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Final Draft of Complex Process Essay
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Phrases
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Plural Nouns
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Possessive Nouns
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Final Draft of Complex Process Essay
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Introduction to Conclusion
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Phrases

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WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Possessive Nouns
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., website, literary magazine, blog, local newspaper).	Finding Sources in the Library
WRI.9-10.1.5.1.a	Selects from a variety of publishing options keeping in mind audience and purpose (e.g., website, literary magazine, blog, local newspaper).	Letter Writing
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Final Draft of Complex Process Essay
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Phrases
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Possessive Nouns
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.5.1.c	Publishes material in appropriate form (e.g., films, multimedia demonstrations, culminating projects) and format (e.g., credits in film, font size, section breaks in longer document).	Letter Writing
WRI.9-10.1.5.1.d	Publishes using visual and dramatic presentations (e.g., debate, mock election, monologue).	Interpreting Visual Elements in Mass Media
WRI.9-10.1.5.1.d	Publishes using visual and dramatic presentations (e.g., debate, mock election, monologue).	Interpreting Visuals
WRI.9-10.1.5.1.e	Uses a variety of available technological resources (e.g., charts, overheads, word processor, photo software, presentation software) to produce, design, and publish a professional-looking final product.	Final Draft of Complex Process Essay
WRI.9-10.1.6.1.a	Revises at any stage of process.	Revising Your Draft
WRI.9-10.1.6.1.a	Revises at any stage of process.	Revision and Evaluation
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Final Draft of Complex Process Essay
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Phrases
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Plural Nouns
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Possessive Nouns
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Conducting an Interview

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WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Nature of Language
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Proposal, Outline, and Works Cited
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Plural Nouns
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Revising Your Draft
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Revision and Evaluation
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Final Draft of Complex Process Essay
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Phrases
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Possessive Nouns
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Introduction to Conclusion
WRI.9-10.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Writing a Rough Draft
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Essay: Short Story Rewrite
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Final Draft of Complex Process Essay
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Phrases
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Possessive Nouns
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Prepositions, Conjunctions, and Interjections
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Researching an Argument
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Complex Process Project
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Plural Nouns

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WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Preparing to Write a Paper
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Prewriting Strategies
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Revision and Evaluation
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Complex Process Project
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Plural Nouns
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Preparing to Write a Paper
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Prewriting Strategies
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Revising Your Draft
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Revision and Evaluation
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Final Draft of Complex Process Essay
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Language, Voice, and Style
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Phrases
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Possessive Nouns
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Prepositions, Conjunctions, and Interjections
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	SOAP and the World of Business

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WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Language, Voice, and Style
WRI.9-10.2.1.1.d	Describes how a particular audience may interpret a text (e.g., eliminating biased language that might be offensive to the audience).	Essay: Poetry
WRI.9-10.2.1.1.d	Describes how a particular audience may interpret a text (e.g., eliminating biased language that might be offensive to the audience).	Essay: Short Story Response
WRI.9-10.2.1.1.d	Describes how a particular audience may interpret a text (e.g., eliminating biased language that might be offensive to the audience).	Essay: Up Hill
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Final Draft of Complex Process Essay
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Phrases
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Possessive Nouns
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Prepositions, Conjunctions, and Interjections
WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., applies for a job, communicates research findings, conveys technical information).	Fallacies in the Media
WRI.9-10.2.2.1.a	Writes to pursue a personal interest, to explain, to persuade, to inform, and to entertain a specified audience (e.g., applies for a job, communicates research findings, conveys technical information).	Methods of Appeal in the Media
WRI.9-10.2.2.1.b	Writes for self expression.	Letter Writing
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Cleaning House
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Confronting Sea Monsters
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Homer and Epic Poetry
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Letter Writing
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Modes of Writing The Novel
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Tragedy or Triumph? (Act V)
WRI.9-10.2.2.1.c	Writes to analyze informational and literary texts.	Twenty Thousand Leagues Under the Sea
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Final Draft of Complex Process Essay
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Phrases
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Possessive Nouns
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Prepositions, Conjunctions, and Interjections
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.2.2.1.e	Writes to examine a variety of perspectives (e.g., argumentative paper on opposing viewpoints concerning medical research and animal testing).	Letter Writing
WRI.9-10.2.2.1.e	Writes to examine a variety of perspectives (e.g., argumentative paper on opposing viewpoints concerning medical research and animal testing).	Methods of Appeal in the Media

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WRI.9-10.2.2.1.f	Writes for more than one purpose using the same form (e.g., a memoir that persuades, entertains, and/or informs).	Letter Writing
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Letter Writing
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Modes and Methods
WRI.9-10.2.2.1.g	Includes more than one mode within a piece to address purpose (e.g., narrative anecdote to support a position in an expository research paper).	Structures and Features
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Critique
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Informal Letter
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Lost Continent
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Persuasion
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Temptation
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Twenty Thousand Leagues
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Essay: Your Poem
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Introducing an Argument and Building an Outline
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Letter Writing
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Project: True Love?

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WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Project: Whose Hero?
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Researching Your Argument
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	What is Persuasion?
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Who's to Blame?
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Writing Note Cards
WRI.9-10.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Meter, Form, and Language
WRI.9-10.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Tragedy or Triumph? (Act V)
WRI.9-10.2.3.1.c	Produces a variety of new forms/genres.	Letter Writing
WRI.9-10.2.3.1.d.1	research papers	Letter Writing
WRI.9-10.2.3.1.d.1	research papers	Report: Synthesis
WRI.9-10.2.3.1.d.2	memoirs	Letter Writing
WRI.9-10.2.3.1.d.3	mysteries	Letter Writing
WRI.9-10.2.3.1.d.4	parodies	Letter Writing
WRI.9-10.2.3.1.d.5	monologues	Letter Writing
WRI.9-10.2.3.1.d.5	monologues	Subject Matter
WRI.9-10.2.3.1.d.6	documentaries	Letter Writing
WRI.9-10.2.3.1.d.7	cover letters	Letter Writing
WRI.9-10.2.3.1.d.8	satires	Letter Writing
WRI.9-10.2.3.1.d.8	satires	Types of Novels
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Critique
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Lost Continent
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Persuasion
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Temptation
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Essay: Twenty Thousand Leagues
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Letter Writing
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Project: True Love?
WRI.9-10.2.3.1.d.9	essays (e.g., extended literary analyses)	Who's to Blame?
WRI.9-10.2.3.1.d.10	editorials	Letter Writing
WRI.9-10.2.3.1.d.11	proposals	Letter Writing
WRI.9-10.2.3.1.d.11	proposals	SOAP and the World of Business
WRI.9-10.2.3.1.d.12	résumés	Letter Writing
WRI.9-10.2.3.1.d.13	blogs	Letter Writing
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Final Draft of Complex Process Essay
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Phrases

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WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Possessive Nouns
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Prepositions, Conjunctions, and Interjections
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	Letter Writing
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	Modes and Methods
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	SOAP and the World of Business
WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Letter Writing
WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Methods of Appeal in the Media
WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Modes and Methods
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Final Draft of Complex Process Essay
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Introducing Your Argument
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Introducing an Argument and Building an Outline
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Introduction to Conclusion
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Phrases

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WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Possessive Nouns
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Structures and Features
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Choosing a Topic
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Introduction to Conclusion
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Preparing to Write a Paper
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Proposal, Outline, and Works Cited
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	What is Persuasion?
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Introducing Your Argument
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Introducing an Argument and Building an Outline
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Introduction to Conclusion

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WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Report: Synthesis
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Structures and Features
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	What is Persuasion?
WRI.9-10.3.1.2.a	Writes unified, cohesive paragraphs (e.g., repetition of key terms; parallel structure).	Drafting
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Drafting
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Final Draft of Complex Process Essay
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Phrases
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Possessive Nouns
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.1.2.c	Selects from a variety of ending/ conclusion strategies and composes an effective conclusion that is more than a repetition of the introduction (e.g., prediction, anecdote, question).	Drafting
WRI.9-10.3.1.2.d	Uses transitional words and phrases between paragraphs to signal emphasis or show logical relationships among ideas (e.g., in fact ..., consequently ..., as a result ..., on the other hand ...).	Gerunds and Participles
WRI.9-10.3.1.2.f.1	varied placement of thesis for effect	Introducing Your Argument
WRI.9-10.3.1.2.f.1	varied placement of thesis for effect	Introducing an Argument and Building an Outline
WRI.9-10.3.1.2.f.1	varied placement of thesis for effect	Introduction to Conclusion
WRI.9-10.3.1.2.f.1	varied placement of thesis for effect	Structures and Features
WRI.9-10.3.1.2.f.2	persuasion using comparisons (e.g., all similarities grouped together and all differences grouped together)	Essay: Persuasion

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WRI.9-10.3.1.2.f.2	persuasion using comparisons (e.g., all similarities grouped together and all differences grouped together)	Introducing an Argument and Building an Outline
WRI.9-10.3.1.2.f.2	persuasion using comparisons (e.g., all similarities grouped together and all differences grouped together)	Researching Your Argument
WRI.9-10.3.1.2.f.2	persuasion using comparisons (e.g., all similarities grouped together and all differences grouped together)	What is Persuasion?
WRI.9-10.3.1.2.f.3	explanations (e.g., scientific report pattern: introduction with hypothesis, materials and methods, data, conclusions)	Drafting
WRI.9-10.3.1.2.f.3	explanations (e.g., scientific report pattern: introduction with hypothesis, materials and methods, data, conclusions)	Introducing Your Argument
WRI.9-10.3.1.2.f.3	explanations (e.g., scientific report pattern: introduction with hypothesis, materials and methods, data, conclusions)	Introducing an Argument and Building an Outline
WRI.9-10.3.1.2.f.3	explanations (e.g., scientific report pattern: introduction with hypothesis, materials and methods, data, conclusions)	Introduction to Conclusion
WRI.9-10.3.1.2.f.3	explanations (e.g., scientific report pattern: introduction with hypothesis, materials and methods, data, conclusions)	Structures and Features
WRI.9-10.3.1.2.f.4	narrative (e.g., story within a story)	Hints of Tragedy (Act II, V-VI)
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Final Draft of Complex Process Essay
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Language, Voice, and Style
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Phrases
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Possessive Nouns
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	SOAP and the World of Business
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Essay: Persuasion
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Final Draft of Complex Process Essay
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Introducing an Argument and Building an Outline
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Language, Voice, and Style
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Letter Writing
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Modes and Methods
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Phrases
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Possessive Nouns
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Prepositions, Conjunctions, and Interjections

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WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Researching Your Argument
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	SOAP and the World of Business
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Structures and Features
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	What is Persuasion?
WRI.9-10.3.2.1.c	Selects appropriate point of view for technical writing and/or specific content areas (e.g., third-person point of view for science lab write-ups, first person for field journals, second person for how-to technical manuals).	Letter Writing
WRI.9-10.3.2.1.c	Selects appropriate point of view for technical writing and/or specific content areas (e.g., third-person point of view for science lab write-ups, first person for field journals, second person for how-to technical manuals).	Pronouns and Antecedents
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Fallacies in the Media
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Understanding Poetry
WRI.9-10.3.2.2.c	Uses the vernacular appropriately.	Letter Writing
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Final Draft of Complex Process Essay
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Language, Voice, and Style
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Phrases
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Possessive Nouns
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Using Vocabulary
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Analogies
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Confronting Sea Monsters
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Final Draft of Complex Process Essay
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	It's Your World, Baby (Act IV, I-III)
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Meter, Form, and Language

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WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Phrases
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Possessive Nouns
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	The Gift of the Magi
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	The Open Window
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Theme, Language, Setting, Symbolism
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Essay: Your Poem
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Final Draft of Complex Process Essay
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Meter, Form, and Language
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Phrases
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Possessive Nouns
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.2.2.g	Considers connotation and denotation, including cultural connotation, when selecting words (police officer vs. cop, bias vs. prejudice).	Language, Voice, and Style
WRI.9-10.3.2.2.g	Considers connotation and denotation, including cultural connotation, when selecting words (police officer vs. cop, bias vs. prejudice).	Word Meanings
WRI.9-10.3.2.3.a	Writes a variety of sentence structures and lengths to create a cadence appropriate for diverse audiences, purposes, and forms.	Drafting
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Drafting
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Final Draft of Complex Process Essay
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Phrases
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Possessive Nouns
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Prepositions, Conjunctions, and Interjections

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WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.2.3.c	Writes short sentences and phrases in technical writing.	Gerunds and Participles
WRI.9-10.3.2.3.c	Writes short sentences and phrases in technical writing.	Letter Writing
WRI.9-10.3.2.3.d	Uses a variety of sentence structures (e.g., line breaks, stanzas, pattern, repetition) to purposefully shape a poem.	Drafting
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Final Draft of Complex Process Essay
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Phrases
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Possessive Nouns
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Spelling and Punctuation
WRI.9-10.3.3.2.b	Uses multiple strategies to spell.	Final Draft of Complex Process Essay
WRI.9-10.3.3.2.b	Uses multiple strategies to spell.	Spelling and Punctuation
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Final Draft of Complex Process Essay
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Phrases
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Possessive Nouns
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Final Draft of Complex Process Essay
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Phrases
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Possessive Nouns
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Word Parts
WRI.9-10.3.3.2.c.3	roots (e.g., anthropology, philosophy)	Word Parts
WRI.9-10.3.3.2.c.4	foreign spellings (e.g., alumna/ alumnae/alumnus, medium/media, datum/data)	Spelling and Punctuation
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Final Draft of Complex Process Essay
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Phrases
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Possessive Nouns
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Final Draft of Complex Process Essay

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WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Phrases
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Possessive Nouns
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.2.d	Uses resources to correct own spelling.	Spelling and Punctuation
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Final Draft of Complex Process Essay
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Phrases
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Possessive Nouns
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Final Draft of Complex Process Essay
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Phrases
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Possessive Nouns
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.4.b	Uses commas to set off nonrestrictive clauses (e.g., The gym, which was built last year, is used every day.).	Clauses
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Final Draft of Complex Process Essay
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Phrases
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Plural Nouns
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Possessive Nouns
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Final Draft of Complex Process Essay
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Phrases
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Possessive Nouns
WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Prepositions, Conjunctions, and Interjections

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WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Final Draft of Complex Process Essay
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Phrases
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Possessive Nouns
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Final Draft of Complex Process Essay
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Phrases
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Possessive Nouns
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Pronouns and Antecedents
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Sentence Parts
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Verb Tense
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Final Draft of Complex Process Essay
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Phrases
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Possessive Nouns
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Prepositions, Conjunctions, and Interjections

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WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Pronouns and Antecedents
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Sentence Parts
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Sentence Structure
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Verb Tense
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Final Draft of Complex Process Essay
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Phrases
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Possessive Nouns
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Pronouns and Antecedents
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Sentence Parts
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Verb Tense
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Final Draft of Complex Process Essay
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Phrases
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Possessive Nouns

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WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Pronouns and Antecedents
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Sentence Parts
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Verb Tense
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Final Draft of Complex Process Essay
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Phrases
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Possessive Nouns
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Pronouns and Antecedents
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Sentence Parts
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Verb Tense
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Working With Verbs
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Clauses
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Final Draft of Complex Process Essay

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WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Phrases
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Possessive Nouns
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Pronouns and Antecedents
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Sentence Parts
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Verb Tense
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Clauses
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Final Draft of Complex Process Essay
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Phrases
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Possessive Nouns
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Pronouns and Antecedents
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Sentence Parts
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Verb Tense

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WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.5.i	Uses resources to check usage.	Comparing with Adjectives and Adverbs
WRI.9-10.3.3.5.i	Uses resources to check usage.	Phrases
WRI.9-10.3.3.5.i	Uses resources to check usage.	Possessive Nouns
WRI.9-10.3.3.5.i	Uses resources to check usage.	Pronouns and Antecedents
WRI.9-10.3.3.5.i	Uses resources to check usage.	Sentence Parts
WRI.9-10.3.3.5.i	Uses resources to check usage.	Verb Tense
WRI.9-10.3.3.5.i	Uses resources to check usage.	Verbs: Principal Parts, Tense, Voice, and Mood
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Final Draft of Complex Process Essay
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Phrases
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Possessive Nouns
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Prepositions, Conjunctions, and Interjections
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Project: Comparing and Contrasting Media Coverage
WRI.9-10.3.3.7.a	Uses paragraph conventions (e.g., designated by indentation or block format, skipping lines between paragraphs).	Drafting
WRI.9-10.3.3.8.a	Cites sources according to prescribed format (e.g., MLA, APA, Turabian).	Works Cited
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Complex Process Essay
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Revision and Evaluation
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Writing Your Rough Draft
WRI.9-10.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., preponderance of evidence, citing experts, compromise solutions).	Essay: Persuasion
WRI.9-10.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., preponderance of evidence, citing experts, compromise solutions).	Introducing an Argument and Building an Outline
WRI.9-10.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., preponderance of evidence, citing experts, compromise solutions).	Peer Review and Evaluation
WRI.9-10.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., preponderance of evidence, citing experts, compromise solutions).	Researching Your Argument
WRI.9-10.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., preponderance of evidence, citing experts, compromise solutions).	What is Persuasion?
WRI.9-10.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., accurate scientific terms regarding the effectiveness of the solution to the problem).	Language, Voice, and Style

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WRI.9-10.4.1.1.c	Explains accuracy of content and vocabulary for specific curricular areas (e.g., accurate scientific terms regarding the effectiveness of the solution to the problem).	Using Vocabulary
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Complex Process Essay
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Final Draft of Complex Process Essay
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Phrases
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Possessive Nouns
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Prepositions, Conjunctions, and Interjections
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Revision and Evaluation
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Writing Your Rough Draft
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Final Draft of Complex Process Essay
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Introduction to Conclusion
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Language, Voice, and Style
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Phrases
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Possessive Nouns
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Prepositions, Conjunctions, and Interjections
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	SOAP and the World of Business
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Final Draft of Complex Process Essay

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WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Phrases
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Possessive Nouns
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Prepositions, Conjunctions, and Interjections
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Project: Comparing and Contrasting Media Coverage
WRI.9-10.4.2.1.a	Monitors progress toward goals over time (e.g., "I need to try free verse next quarter.").	Peer Review and Evaluation
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Final Draft of Complex Process Essay
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Peer Review and Evaluation
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Phrases
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Possessive Nouns
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Prepositions, Conjunctions, and Interjections
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Project: Comparing and Contrasting Media Coverage
WRI.9-10.4.2.1.c	Evaluates goals (e.g., "I need to allow time for substantive revisions.").	Peer Review and Evaluation
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Section	Description	Lesson Title
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Listening
COM.9-10.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Types of Novels
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Analogies
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Interpreting Visual Elements in Mass Media
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Interpreting Visuals
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Project: Create, Present, and Evaluate a Poster

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COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Project: Mass Media and SOAP
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	The Open Window
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Multimedia Presentation
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Presenting
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Project: Evaluating an Advertisement
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	The Persuasive Speech
COM.9-10.1.2.2.a	Critiques the effectiveness of persuasive techniques on target audiences (e.g., ethos, pathos, logos appeals, fallacies, propaganda).	Fallacies in the Media
COM.9-10.1.2.2.a	Critiques the effectiveness of persuasive techniques on target audiences (e.g., ethos, pathos, logos appeals, fallacies, propaganda).	Theme, Language, Setting, Symbolism
COM.9-10.1.2.2.a	Critiques the effectiveness of persuasive techniques on target audiences (e.g., ethos, pathos, logos appeals, fallacies, propaganda).	What is Mass Media?
COM.9-10.1.2.2.b	Critiques differing points of view for persuasive effect (e.g., Social Studies CBA: Reviews and critiques various visual depictions of globalization found in the mass media to evaluate whether it is portrayed negatively or positively).	What is Mass Media?
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Agendas in the Media
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Bias in the Media
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Fallacies in the Media
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Project: Comparing and Contrasting Media Coverage
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Project: Evaluating an Advertisement
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Project: Mass Media and SOAP
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Types of Mass Media

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COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Bias in the Media
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Fallacies in the Media
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Project: Evaluating an Advertisement
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Project: Mass Media and SOAP
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Types of Mass Media
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Listening
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	The Persuasive Speech
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Listening
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Multimedia Presentation
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Presenting
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Listening
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Moving and Morphing
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	The Persuasive Speech
COM.9-10.3.1.1.a	Determines the topic and the audience selects a purpose (e.g., monologue, debate, historical reenactment, speech, mock job/academic interview).	Multimedia Presentation

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COM.9-10.3.1.1.a	Determines the topic and the audience selects a purpose (e.g., monologue, debate, historical reenactment, speech, mock job/academic interview).	Presenting
COM.9-10.3.1.1.a	Determines the topic and the audience selects a purpose (e.g., monologue, debate, historical reenactment, speech, mock job/academic interview).	Speaking
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	The Persuasive Speech
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Analogies
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Clauses
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Complex Process Project Assessment
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Methods of Appeal in the Media
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	The Persuasive Speech
COM.9-10.3.1.1.d	Uses techniques to enhance the message (e.g., irony and dialogue to achieve clarity, force, and aesthetic effect; technical language).	Project: Evaluating an Advertisement
COM.9-10.3.1.1.d	Uses techniques to enhance the message (e.g., irony and dialogue to achieve clarity, force, and aesthetic effect; technical language).	What is Persuasion?
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Project: Delivering a Speech
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Speaking
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Multimedia Presentation
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Peer Review and Evaluation
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Presenting
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Project: Delivering a Speech
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Project: Oral Reading

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COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Conducting an Interview
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	SOAP and the World of Business
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	The Persuasive Speech
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Speaking
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	The Persuasive Speech
COM.9-10.4.1.2.a	Examines accuracy of content and terminology for specific content areas in others' communication (e.g., compare texts using correct literary terminology).	Conducting an Interview
COM.9-10.4.1.2.a	Examines accuracy of content and terminology for specific content areas in others' communication (e.g., compare texts using correct literary terminology).	Multimedia Presentation
COM.9-10.4.1.2.a	Examines accuracy of content and terminology for specific content areas in others' communication (e.g., compare texts using correct literary terminology).	Presenting
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Multimedia Presentation
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Presenting
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Project: Delivering a Speech
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	The Persuasive Speech
COM.9-10.4.2.1.a	Sets goals for all forms of oral communication using feedback and creates a plan to meet the goals (e.g., group work, formal presentation, conversation, interview, debate).	Peer Review and Evaluation
COM.9-10.4.2.1.a	Sets goals for all forms of oral communication using feedback and creates a plan to meet the goals (e.g., group work, formal presentation, conversation, interview, debate).	Project: Delivering a Speech
Subject:	Reading	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Moving and Morphing
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Using Vocabulary
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Word Meanings
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Word Parts
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Cleaning House

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READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Confronting Sea Monsters
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Homer and Epic Poetry
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Modes of Writing The Novel
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Reliability of a Media Source
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Tragedy or Triumph? (Act V)
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Twenty Thousand Leagues Under the Sea
READ.9-10.1.2.2.c	Use graphic features to clarify and extend meaning.	Using Visual Aids
READ.9-10.1.3.2	Understand and apply content/academic vocabulary critical to the meaning of the text, including vocabularies relevant to different contexts, cultures, and communities.	Egomania!
READ.9-10.1.3.2	Understand and apply content/academic vocabulary critical to the meaning of the text, including vocabularies relevant to different contexts, cultures, and communities.	The Trojan War
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Essay: Short Story Rewrite
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Final Draft of Complex Process Essay
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Phrases
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Possessive Nouns
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Prepositions, Conjunctions, and Interjections

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READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Project: Comparing and Contrasting Media Coverage
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Project: Delivering a Speech
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Reliability of a Media Source
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Speaking
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	The Persuasive Speech
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Writing Note Cards
READ.9-10.1.3.2.b	Explain the meaning of content-specific vocabulary words (e.g., regeneration, isolationism, emancipation, polarized).	Using Vocabulary
READ.9-10.1.3.2.b	Explain the meaning of content-specific vocabulary words (e.g., regeneration, isolationism, emancipation, polarized).	Word Parts
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Cleaning House
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Confronting Sea Monsters
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Homer and Epic Poetry
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Modes of Writing The Novel
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Reliability of a Media Source

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READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Tragedy or Triumph? (Act V)
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Twenty Thousand Leagues Under the Sea
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Cleaning House
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Determining the Author's Meaning
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Reading Strategies
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Subject Matter
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Complex Process Project
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Elizabethan Drama
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Heart's-Ease
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	It's Your World, Baby (Act IV, I-III)
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Peace at Last
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Telemachus Epic
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Theme, Language, Setting, Symbolism
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Tragedy or Triumph? (Act V)
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Waiting for Odysseus
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Xenia!
READ.9-10.2.1.3.c	Choose, from multiple choices, a title that best fits the selection and provide details from the text to support the choice.	Subject Matter
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Cleaning House
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Complex Process Project
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Confronting Sea Monsters
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Determining the Author's Meaning
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Heart's-Ease
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Homer and Epic Poetry
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	It's Your World, Baby (Act IV, I-III)

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READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Modes of Writing The Novel
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Peace at Last
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Reading Strategies
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Telemachus Epic
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Theme, Language, Setting, Symbolism
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Tragedy or Triumph? (Act V)
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Twenty Thousand Leagues Under the Sea
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Waiting for Odysseus
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Xenia!
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Complex Process Project
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Heart's-Ease
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	It's Your World, Baby (Act IV, I-III)
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Peace at Last
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Telemachus Epic
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Theme, Language, Setting, Symbolism
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Waiting for Odysseus
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Xenia!
READ.9-10.2.1.4.a	Use previous experience, knowledge of current issues, information previously learned to make connections, draw conclusions, and generalize about what is read (e.g., transfer knowledge of the concept of tragedy from one text to another).	Odysseus, Finally!
READ.9-10.2.1.4.a	Use previous experience, knowledge of current issues, information previously learned to make connections, draw conclusions, and generalize about what is read (e.g., transfer knowledge of the concept of tragedy from one text to another).	The Blame Game

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READ.9-10.2.1.5.a	Make inferences based on implicit and explicit information drawn from prior knowledge and text; provide justification for inferences.	Reading Strategies
READ.9-10.2.1.5.a	Make inferences based on implicit and explicit information drawn from prior knowledge and text; provide justification for inferences.	Subject Matter
READ.9-10.2.1.5.b	Make predictions and inferences about an author's beliefs and cite text-based evidence to support prediction/inference (e.g., find text passages that support an inference that the author advocates economic change).	Subject Matter
READ.9-10.2.1.5.c	Read several accounts of the same event and make inferences about the impact each would have on the reader (e.g., discuss the emotional impact of a journal entry by a soldier's parent, a letter from a Union or Confederate soldier, and a newspaper article describing a Civil War battle).	Cleaning House
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Cleaning House
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Complex Process Project
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Plot Function
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Reading Strategies
READ.9-10.2.1.5.e	Organize information to support a prediction or inference in a self-created graphic organizer.	Complex Process Project
READ.9-10.2.1.6.d	Organize images and information into a self-created graphic organizer to enhance text comprehension.	Complex Process Project
READ.9-10.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; avoids interpretation or judgment; and uses an organizational pattern that supports the author's intent.	Cleaning House
READ.9-10.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; avoids interpretation or judgment; and uses an organizational pattern that supports the author's intent.	Essay: Up Hill
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Essay: Up Hill
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Heart's-Ease
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	It's Your World, Baby (Act IV, I-III)

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READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Peace at Last
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	SOAP and the World of Business
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Subject Matter
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Telemachus Epic
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Theme, Language, Setting, Symbolism
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Tragedy or Triumph? (Act V)
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Waiting for Odysseus
READ.9-10.2.1.7.b	Create a literary summary that includes an introduction stating the theme and/or author's message supported by text-based evidence; use own words in an objective voice; is accurate to the original text.	Xenia!
READ.9-10.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Complex Process Project
READ.9-10.2.1.7.c	Select, from multiple choices, a sentence that best summarizes the text.	Essay: Up Hill
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Complex Process Project
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Complex Processes
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Essay: Up Hill
READ.9-10.2.1.7.d	Organize summary information for informational/expository text, technical materials, and complex narratives into a self-created graphic organizer to enhance text comprehension.	Reliability of a Media Source
READ.9-10.2.2.2.a	Use text features to verify, support, or clarify meaning.	Subject Matter
READ.9-10.2.2.2.a	Use text features to verify, support, or clarify meaning.	Using Visual Aids

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READ.9-10.2.2.2.b	Use the features of electronic information to communicate, gain information, or research a topic.	Complex Processes
READ.9-10.2.2.2.b	Use the features of electronic information to communicate, gain information, or research a topic.	Web Sources
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Action and Plot:
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Boys and Girls (Act I, Scene I)
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Cleaning House
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Episodes
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Heart's-Ease
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	It's Your World, Baby (Act IV, I-III)
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Love in the Shadows (Act II, Scenes I-II)
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Meant to Be (Act I, Scenes IV-V)
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Oh, Romeo (Act I, Scenes II-III)
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Peace at Last
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Plot and Perspective
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Short Story Fundamentals
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Theme, Language, Setting, Symbolism
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Types of Novels
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Waiting for Odysseus
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Xenia!

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READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	You Be Mine (Act III, III-V)
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Cleaning House
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Confronting Sea Monsters
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Heart's-Ease
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Homer and Epic Poetry
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	It's Your World, Baby (Act IV, I-III)
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Modes of Writing The Novel
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Peace at Last
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Shakespeare on Love (Act III, I-II)
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Telemachus Epic
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Theme, Language, Setting, Symbolism
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Tragedy or Triumph? (Act V)
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Twenty Thousand Leagues Under the Sea
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Waiting for Odysseus
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Wandering Odysseus
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Xenia!
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Action and Plot:
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Boys and Girls (Act I, Scene I)
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Episodes
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Heart's-Ease
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	It's Your World, Baby (Act IV, I-III)
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Love in the Shadows (Act II, Scenes I-II)
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Meant to Be (Act I, Scenes IV-V)

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READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Oh, Romeo (Act I, Scenes II-III)
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Peace at Last
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Short Story Fundamentals
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Waiting for Odysseus
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Xenia!
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	You Be Mine (Act III, III-V)
READ.9-10.2.2.4.a	Recognize and use previously taught organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, problem/solution, episodic, and generalization/principle) to aid comprehension.	Complex Process Project
READ.9-10.2.2.4.a	Recognize and use previously taught organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, problem/solution, episodic, and generalization/principle) to aid comprehension.	Determining the Author's Meaning
READ.9-10.2.2.4.a	Recognize and use previously taught organizational structures (description, comparison and contrast, sequential order, chronological order, cause and effect, order of importance, process/procedural, concept/definition, problem/solution, episodic, and generalization/principle) to aid comprehension.	Reading Strategies
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Complex Process Project
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Complex Process Project Assessment
READ.9-10.2.3.1.a	Compare conclusions drawn from multiple sources to determine similarities and differences.	Odysseus, Finally!
READ.9-10.2.3.1.a	Compare conclusions drawn from multiple sources to determine similarities and differences.	The Blame Game
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Cleaning House
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Complex Processes
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Confronting Sea Monsters

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READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Homer and Epic Poetry
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Modes of Writing The Novel
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Odysseus, Finally!
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	The Blame Game
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Tragedy or Triumph? (Act V)
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Twenty Thousand Leagues Under the Sea
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Action and Plot:
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Boys and Girls (Act I, Scene I)
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Confronting Sea Monsters
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Episodes
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Heart's-Ease
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Homer and Epic Poetry
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Inverted Values (Act II, III-IV)
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Love in the Shadows (Act II, Scenes I-II)
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Meant to Be (Act I, Scenes IV-V)
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Nausicaa
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Peace at Last
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Penelope

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READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Short Story Fundamentals
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Storyteller's Guide
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Telemachus Epic
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Waiting for Odysseus
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Xenia!
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	You Be Mine (Act III, III-V)
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	It's Your World, Baby (Act IV, I-III)
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Peace at Last
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Telemachus Epic
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Theme, Language, Setting, Symbolism
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Waiting for Odysseus
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Xenia!
READ.9-10.2.3.1.e	Explain how an action leads to longlasting effects (e.g., environmental, economic, and/or political impact of off-shore drilling or strip mining; socioeconomic and psychological makeup of African-American individuals, families, and communities as a result of slavery).	Cleaning House
READ.9-10.2.3.2.a	Judge the usefulness of information based on relevance to purpose, source, objectivity, copyright date, cultural and world perspective (e.g., editorials), and support the decision.	Elizabethan Drama
READ.9-10.2.3.3.a	Judge the effectiveness of the author's use of literary devices and explain how they are used to convey meaning.	Cleaning House
READ.9-10.2.3.3.b	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	Cleaning House
READ.9-10.2.3.3.b	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	The Gift of the Magi
READ.9-10.2.3.3.b	Select, from multiple choices, a sentence from the story/poem/selection that is an example of a specific literary device.	The Open Window
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Shakespeare on Love (Act III, I-II)

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READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Wandering Odysseus
READ.9-10.2.4.1.a	Draw conclusions from grade-level text (e.g., the most important idea the author is trying to make in the story/poem/selection, what inspiration might be drawn from the story/poem/selection, who might benefit from reading the story/poem/selection).	Odysseus, Finally!
READ.9-10.2.4.1.a	Draw conclusions from grade-level text (e.g., the most important idea the author is trying to make in the story/poem/selection, what inspiration might be drawn from the story/poem/selection, who might benefit from reading the story/poem/selection).	The Blame Game
READ.9-10.2.4.1.b	Select, from multiple choices, a statement that best represents the most important conclusion that may be drawn from the selection.	Odysseus, Finally!
READ.9-10.2.4.1.b	Select, from multiple choices, a statement that best represents the most important conclusion that may be drawn from the selection.	The Blame Game
READ.9-10.2.4.1.b	Select, from multiple choices, a statement that best represents the most important conclusion that may be drawn from the selection.	Tragedy or Triumph? (Act V)
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Cleaning House
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Essay: Poetry
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Essay: Up Hill
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Odysseus, Finally!
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Shakespeare
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	The Blame Game
READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Theme, Language, Setting, Symbolism
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Language, Voice, and Style
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Moving and Morphing

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READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Shakespeare
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	The Open Window
READ.9-10.2.4.2.d	Select, from multiple choices, a sentence that explains why an author includes a specific technique.	Cleaning House
READ.9-10.2.4.2.e	Examine the author's use of language registry (e.g., frozen, formal, consultative, casual, intimate) and how this influences meaning and different audiences.	Shakespeare
READ.9-10.2.4.2.f	Judge the effectiveness of the author's use of language to create an intended effect.	Shakespeare
READ.9-10.2.4.3.a	Compare and contrast the logic (assumptions and beliefs) and use of evidence (existing and missing information; primary sources and secondary sources) used by two authors presenting similar or opposing arguments (e.g., articles by two political columnists that address the same issue).	Researching an Argument
READ.9-10.2.4.3.b	Judge the accuracy of the information in a text, citing text-based evidence, author's use of expert authority, author's credibility to defend the evaluation.	Reliability of a Media Source
READ.9-10.2.4.3.b	Judge the accuracy of the information in a text, citing text-based evidence, author's use of expert authority, author's credibility to defend the evaluation.	Subject Matter
READ.9-10.2.4.4.a	Identify the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence readers' opinions or actions.	Cleaning House
READ.9-10.2.4.4.a	Identify the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence readers' opinions or actions.	Fallacies in the Media
READ.9-10.2.4.4.a	Identify the intended effects of persuasive vocabulary (e.g., loaded words, exaggeration, emotional words, euphemisms) that the author uses to influence readers' opinions or actions.	What is Mass Media?
READ.9-10.2.4.4.b	Select, from multiple choices, a sentence that explains why an author uses a specific persuasive device.	Cleaning House
READ.9-10.2.4.4.b	Select, from multiple choices, a sentence that explains why an author uses a specific persuasive device.	Fallacies in the Media
READ.9-10.2.4.4.b	Select, from multiple choices, a sentence that explains why an author uses a specific persuasive device.	Sentence Parts
READ.9-10.2.4.4.b	Select, from multiple choices, a sentence that explains why an author uses a specific persuasive device.	What is Mass Media?
READ.9-10.2.4.4.c	Identify the intended effects of persuasive strategies the author uses to influence readers' perspectives (e.g., peer pressure, bandwagon, repetition, testimonial, transfer).	Fallacies in the Media
READ.9-10.2.4.4.c	Identify the intended effects of persuasive strategies the author uses to influence readers' perspectives (e.g., peer pressure, bandwagon, repetition, testimonial, transfer).	What is Mass Media?

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READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Behind the Scenes
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Egomania!
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Elizabethan Drama
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Peace at Last
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Telemachus Epic
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	The Trojan War
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Waiting for Odysseus
READ.9-10.2.4.5.c	Provide a response to text that expresses an insight (e.g., author's perspective, the nature of conflict) or use text-based information to solve a problem not identified in the text (e.g., use information from a variety of sources to write an editorial or make a presentation about world health issues).	Cleaning House
READ.9-10.2.4.5.c	Provide a response to text that expresses an insight (e.g., author's perspective, the nature of conflict) or use text-based information to solve a problem not identified in the text (e.g., use information from a variety of sources to write an editorial or make a presentation about world health issues).	Essay: Short Story Response
READ.9-10.2.4.5.c	Provide a response to text that expresses an insight (e.g., author's perspective, the nature of conflict) or use text-based information to solve a problem not identified in the text (e.g., use information from a variety of sources to write an editorial or make a presentation about world health issues).	Subject Matter
READ.9-10.2.4.6.a	Differentiate how a concept is presented and/or developed in and beyond texts (e.g., the role fear plays in war, prejudice, relationships, personal safety).	Complex Process Project
READ.9-10.2.4.6.b	Compare the development of an idea or concept in multiple texts; decide which is best presented and developed and support the decision with text-based evidence.	Plot Function
READ.9-10.2.4.6.b	Compare the development of an idea or concept in multiple texts; decide which is best presented and developed and support the decision with text-based evidence.	Plot and Perspective
READ.9-10.2.4.6.b	Compare the development of an idea or concept in multiple texts; decide which is best presented and developed and support the decision with text-based evidence.	Subject Matter
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Complex Process Project
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Determining the Author's Meaning
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Odysseus, Finally!

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READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Reading Strategies
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	The Blame Game
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Reliability of a Media Source
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Shakespeare
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Tragedy or Triumph? (Act V)
READ.9-10.2.4.7.c	Select, from multiple choices, a sentence that describes the reasoning of a character or an author, both faulty and logical.	Sentence Parts
READ.9-10.2.4.7.d	Make judgments about how effectively an author has supported his/her belief and/or assumptions, citing text-based evidence.	Subject Matter
READ.9-10.3.1.1.a	Examine materials to determine appropriate primary sources and secondary sources to use for investigating a question, topic, or issue (e.g., encyclopedia and other reference materials, pamphlets, book excerpts, newspaper and magazine articles, letters to an editor, oral records, research summaries, scientific and trade journals).	Researching an Argument
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Complex Processes
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Letter Writing
READ.9-10.3.3.1.b	Read professional-level materials, including electronic information, that match career or academic interests and demonstrate understanding of the content.	Complex Process Project
READ.9-10.3.3.1.c	Select and use appropriate skills for reading a variety of documents (e.g., tables, blueprints, electronic technology manuals, bills of lading, medical charts, mechanical manuals).	Complex Processes
READ.9-10.3.4.2.a	Critique author's choice of literary genres to convey a message.	Shakespeare on Love (Act III, I-II)
READ.9-10.3.4.2.a	Critique author's choice of literary genres to convey a message.	Subject Matter
READ.9-10.3.4.2.a	Critique author's choice of literary genres to convey a message.	The Critical Essay
READ.9-10.3.4.2.a	Critique author's choice of literary genres to convey a message.	Wandering Odysseus

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READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Essay: Poetry
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Essay: Up Hill
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Meter, Form, and Language
READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Understanding Poetry
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Action and Plot:
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	All Manner of Manners
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	And All Things Change Them To The Contrary (Act IV, IV-V)
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Boys and Girls (Act I, Scene I)
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Circe
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Confronting Sea Monsters
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Egomania!
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Essay: Lost Continent
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Heart's-Ease
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Hints of Tragedy (Act II, V-VI)
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Inverted Values (Act II, III-IV)
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	It's Your World, Baby (Act IV, I-III)

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READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Love in the Shadows (Act II, Scenes I-II)
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Meant to Be (Act I, Scenes IV-V)
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Nausicaa
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Odysseus, Finally!
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Oh, Romeo (Act I, Scenes II-III)
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Peace at Last
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Plot and Perspective
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Short Story Fundamentals
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Storyteller's Guide
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Telemachus Epic
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	The Blame Game
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Waiting for Odysseus
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Xenia!
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Heart's-Ease
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	It's Your World, Baby (Act IV, I-III)
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Peace at Last
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Telemachus Epic
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Theme, Language, Setting, Symbolism

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READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Tragedy or Triumph? (Act V)
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Waiting for Odysseus
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Xenia!
READ.9-10.3.4.4.a	Examine the ways in which works of literature are related to the issues and themes of their historical periods (e.g., the Gold Rush, civil rights movement, post-World War II Europe).	Behind the Scenes
READ.9-10.3.4.4.a	Examine the ways in which works of literature are related to the issues and themes of their historical periods (e.g., the Gold Rush, civil rights movement, post-World War II Europe).	Tragedy or Triumph? (Act V)
READ.9-10.3.4.4.b	Critique the contribution to society made by traditional, classic, and/or contemporary works of literature that deal with similar topics and problems (e.g., individual needs vs. needs of society, community maintenance, civil disobedience, humanity's relationship with nature).	Peace at Last
READ.9-10.3.4.4.b	Critique the contribution to society made by traditional, classic, and/or contemporary works of literature that deal with similar topics and problems (e.g., individual needs vs. needs of society, community maintenance, civil disobedience, humanity's relationship with nature).	The Novel
READ.9-10.3.4.4.b	Critique the contribution to society made by traditional, classic, and/or contemporary works of literature that deal with similar topics and problems (e.g., individual needs vs. needs of society, community maintenance, civil disobedience, humanity's relationship with nature).	The Trojan War
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Essay: Short Story Response
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Reliability of a Media Source

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Introduction to Perception
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Project: Developing a Preliminary Outline
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Criticism
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Individual Competence in Groups
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Project: Are You a Good Conversationalist?
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Project: Changing Your Self-Concept
WRI.9-10.1.5.1.d	Publishes using visual and dramatic presentations (e.g., debate, mock election, monologue).	Influences on Perception
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Becoming a Competent Communicator
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Delivering Group Presentations and Evaluating Speeches
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Factors Affecting Group Dynamics
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Leadership Functions
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Leadership Styles
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Organizations
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Problem Solving in Groups
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Project: Evaluating Communication Competence
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Project: Identifying Leadership Styles
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Self and Communication

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WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Small Group Types and Formats
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	The Nature of Language
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	The Small Group
WRI.9-10.1.6.2.a	Delegates parts of process to team members (e.g., in prewriting, one team member interviews and one team member brainstorms possible sections).	Types of Interpersonal Relationships
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Conversation
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Delivering Group Presentations and Evaluating Speeches
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	E-mail Etiquette
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Etiquette for Introductions
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Individual Competence in Groups
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Problem Solving in Groups
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Project: Ethical Principles of Communication
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Project: Expressing Yourself Politely
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Project: Introductions
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Telephone Etiquette
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	The Basics of Conversational Competence
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	The Importance of Communication
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	The Nature of Language
WRI.9-10.2.1.1.c	Respects the cultural backgrounds of potential audiences (e.g., topic, word choice, perspective).	Types of Communication
WRI.9-10.2.3.1.d.1	research papers	Project: Conducting Research
WRI.9-10.2.3.1.d.1	research papers	Research
WRI.9-10.2.3.1.d.12	résumés	Project: Preparing for a Job Interview
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	E-mail Etiquette
WRI.9-10.2.4.1.b	Writes technical and nontechnical documents for career audiences (e.g., proposal, résumé, abstract), taking into consideration technical formats (e.g., bullets, numbering, subheadings, blank space).	Project: Preparing for a Job Interview

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WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Determining the Purpose and Choosing a Topic
WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Project: Developing a Thesis Statement
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Determining the Purpose and Choosing a Topic
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Supporting Materials
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Determining the Purpose and Choosing a Topic
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Supporting Materials
WRI.9-10.3.1.2.f.1	varied placement of thesis for effect	Selecting an Organizational Pattern
WRI.9-10.3.1.2.f.2	persuasion using comparisons (e.g., all similarities grouped together and all differences grouped together)	Selecting an Organizational Pattern
WRI.9-10.3.1.2.f.3	explanations (e.g., scientific report pattern: introduction with hypothesis, materials and methods, data, conclusions)	Selecting an Organizational Pattern
WRI.9-10.3.1.2.f.4	narrative (e.g., story within a story)	Selecting an Organizational Pattern
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Individual Competence in Groups
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Project: Changing Your Self-Concept
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Project: Changing Your Self-Concept
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Supporting Materials
WRI.9-10.4.1.2.c	Uses criteria to choose and defend choices for a writing portfolio.	Project: Changing Your Self-Concept
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Conversation

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WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Project: Changing Your Self-Concept
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Project: Three Stages of Perception
WRI.9-10.4.2.1.a	Monitors progress toward goals over time (e.g., "I need to try free verse next quarter.").	Project: Three Stages of Perception
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery.").	Project: Three Stages of Perception
WRI.9-10.4.2.1.c	Evaluates goals (e.g., "I need to allow time for substantive revisions.").	Project: Three Stages of Perception
WRI.9-10.4.2.1.d	Adjusts goals (e.g., "I will write a ballad next quarter.").	Conversation
WRI.9-10.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will try other genres, vary points of view, elaborate on evidence, and seek publication.") and a portfolio of work.	Conversation
Subject:	Communication	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Individual Competence in Groups
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Influences on Perception
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Interviewing
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Leadership Styles
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Project: Brainstorming
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Project: Communication Log
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Project: Evaluating Group Effectiveness
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Project: Observing Nonverbal Communication
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Project: Using Listening Styles

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COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	Project: Using Responsible Language
COM.9-10.1.1.1.a	Uses listening strategies for: enjoyment listening, active listening, empathetic listening, and critical listening appropriate to the situation (e.g., mock job/academic interviews, career and technical education job training).	The Listening Process
COM.9-10.1.2.1.a	Compares literal and implicit meaning to respond to a statement.	Preparing to Deliver a Speech
COM.9-10.1.2.1.b	Constructs personal meaning from visual and auditory information (e.g., Social Studies: the connection between the rhetoric of the leaders of independence movements in Africa with images of people living and working in these emerging nations).	Influences on Perception
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Dealing with Apprehension
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Project: Developing a Thesis Statement
COM.9-10.1.2.1.c	Critiques effectiveness of rhetorical information (e.g., peer presentations, political speeches and arguments).	Project: Rehearsing Your Speech
COM.9-10.1.2.2.b	Critiques differing points of view for persuasive effect (e.g., Social Studies CBA: Reviews and critiques various visual depictions of globalization found in the mass media to evaluate whether it is portrayed negatively or positively).	Individual Competence in Groups
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Project: Overcoming Perception Influences
COM.9-10.1.2.2.c	Judges the effect of different interpretations of the same media text (e.g., different newspapers, radio/television stations, Internet sites).	Project: Perception Checking
COM.9-10.1.2.2.d	Critiques the effect of media portrayals of cultures, gender, religion, sexuality, class, and race on society and its subcultures.	Project: Overcoming Perception Influences
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Factors Affecting Group Dynamics
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Fluctuations in Relationship Development
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Leadership Functions
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Organizations
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Project: Are You a Good Conversationalist?

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COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Project: Ethical Principles of Communication
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Project: Identifying Leadership Styles
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Self and Communication
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Small Group Types and Formats
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	The Nature of Language
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	The Small Group
COM.9-10.2.1.1.a	Examines the situation and selects a common code for communication when a common code does not exist, using role play (e.g., gestures, sign language, language different from one's own, dialects, pictures).	Types of Interpersonal Relationships
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Defining Your Audience
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Factors Affecting Group Dynamics
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Leadership Functions

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COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Organizations
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Project: Identifying Leadership Styles
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Project: Practicing Cues
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Self and Communication
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Small Group Types and Formats
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	The Nature of Language
COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	The Small Group

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COM.9-10.2.2.1.a	Monitors and adjusts one's own participation according to the situation and the needs of others (e.g., focuses on speaker; avoids interruptions; does not dominate conversation; uses techniques for taking turns; attends to cultural differences in communication styles, such as variations in pause time, pace, volume/intensity, and body language).	Types of Interpersonal Relationships
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Dealing with Apprehension
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Etiquette for Introductions
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Project: Developing a Thesis Statement
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Project: Expressing Yourself Politely
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Project: Introductions
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Project: Rehearsing Your Speech
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	Telephone Etiquette
COM.9-10.2.2.1.b	Responds to the clarification needs of others as necessary (e.g., elaborates, illustrates, or expands on a response).	The Basics of Conversational Competence
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Individual Competence in Groups
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Project: Listening Strategies
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	Project: Using Listening Styles
COM.9-10.2.2.1.c	Provides feedback to the speaker in role-play scenarios or classroom activities based on appropriate form of listening (e.g., enjoyment, active, critical, and/or empathetic listening).	The Listening Process
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Becoming a Competent Communicator

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COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	E-mail Etiquette
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Etiquette for Introductions
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Fluctuations in Relationship Development
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Individual Competence in Groups
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Project: Are You a Good Conversationalist?
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Project: Ethical Principles of Communication
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Project: Evaluating Communication Competence
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Project: Expressing Yourself Politely
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Project: Introductions
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Self and Communication
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Self-Concept and Competent Communication
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Telephone Etiquette
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	The Basics of Conversational Competence

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COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	The Importance of Communication
COM.9-10.2.2.1.d	Refutes others in non-hurtful ways by disagreeing with ideas according to established classroom norms (e.g., "Maya, we agree on everything except your last two points. I think...").	Types of Communication
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Delivering Group Presentations and Evaluating Speeches
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Factors Affecting Group Dynamics
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Leadership Functions
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Leadership Styles
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Problem Solving in Groups
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Project: Identifying Leadership Styles
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Small Group Types and Formats
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	The Small Group
COM.9-10.2.2.2.b	Critiques group members' and own interactions/work and adjusts to ensure group success.	Types of Interpersonal Relationships
COM.9-10.2.3.1.a	Examines the influence of one's own cultural principles, beliefs, religion, and world views on intercultural communication (e.g., based on Muslim beliefs, a teenage girl may feel compromised by the flirtatious but innocent attention of a teenage boy).	Project: Ethical Principles of Communication
COM.9-10.2.3.1.a	Examines the influence of one's own cultural principles, beliefs, religion, and world views on intercultural communication (e.g., based on Muslim beliefs, a teenage girl may feel compromised by the flirtatious but innocent attention of a teenage boy).	The Nature of Language
COM.9-10.2.3.1.b	Discusses how power and dominance affect intercultural communication (e.g., workplace hierarchies such as boss/supervisor to employee; historical and present relations between cultures).	Project: Ethical Principles of Communication
COM.9-10.2.3.2.a	Develops a construct for how physical and human settings can affect communication (e.g., timing, social climate, customs, religion, social practices, politics, values, education).	Project: Ethical Principles of Communication
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Dealing with Apprehension
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Project: Developing a Thesis Statement

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COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	Self-Disclosure
COM.9-10.2.3.2.b	Monitors and adjusts one's own communication style to engage in the dynamics of diversity and connect with others (e.g., adjusting proximity, volume, intensity, pause time, pace, conversation style, eye contact).	The Nature of Language
COM.9-10.3.1.1.a	Determines the topic and the audience selects a purpose (e.g., monologue, debate, historical reenactment, speech, mock job/academic interview).	Presenting the Topic Visually
COM.9-10.3.1.1.a	Determines the topic and the audience selects a purpose (e.g., monologue, debate, historical reenactment, speech, mock job/academic interview).	Project: Rehearsing Your Speech
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Competent Nonverbal Communication
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Dealing with Apprehension
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Influences on Perception
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Introduction to Communication
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Nonverbal Communication
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Project: Developing a Preliminary Outline
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Project: Developing a Thesis Statement
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Project: Ethics and Impressions
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Project: Recognizing Nonverbal Behavior
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	Project: Three Stages of Perception
COM.9-10.3.1.1.b	Matches verbal and nonverbal messages (e.g., voice modulation, expression, tone, body language, gestures, attire).	The Functions of Nonverbal Communication
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Dealing with Apprehension
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Project: Developing a Preliminary Outline

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COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Project: Developing a Thesis Statement
COM.9-10.3.1.1.c	Distinguishes among and uses various forms of formal and informal logical argument (deductive and inductive reasoning, syllogisms, analogies).	Project: Rehearsing Your Speech
COM.9-10.3.1.1.d	Uses techniques to enhance the message (e.g., irony and dialogue to achieve clarity, force, and aesthetic effect; technical language).	Language in Social Settings
COM.9-10.3.1.1.d	Uses techniques to enhance the message (e.g., irony and dialogue to achieve clarity, force, and aesthetic effect; technical language).	Project: Recognizing In-Language
COM.9-10.3.1.1.e	Uses logical, ethical, and emotional appeals to support the purpose.	Project: Ethical Principles of Communication
COM.9-10.3.1.1.e	Uses logical, ethical, and emotional appeals to support the purpose.	The Nature of Language
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Competent Nonverbal Communication
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Conversation Management
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Defining Your Audience
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Language in Social Settings
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Nonverbal Communication
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Project: Observing Nonverbal Communication
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Project: Overcoming Perception Influences
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Project: Recognizing In-Language
COM.9-10.3.3.1.a	Makes necessary adjustment in delivery and language during presentations based on interpretation of verbal and nonverbal cues to reflect ongoing responsiveness to audience.	Project: Rehearsing Your Speech

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COM.9-10.4.1.1.a	Articulates the qualities that make communication effective (e.g., body language, pace, volume, tone, expression).	Project: Ethical Principles of Communication
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Criticism
COM.9-10.4.1.1.b	Seeks, considers, and uses feedback from a variety of sources to improve communication (e.g., teachers, peers, community members, and family members).	Project: Are You a Good Conversationalist?
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Factors Affecting Group Dynamics
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Fluctuations in Relationship Development
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Leadership Functions
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Organizations
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Preparing for an Interview
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Project: Are You a Good Conversationalist?
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Project: Identifying Leadership Styles
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Project: Preparing for a Job Interview
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Self and Communication
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Small Group Types and Formats
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	The Nature of Language
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	The Small Group
COM.9-10.4.1.1.c	Critiques style and content of own communication in public, group work, personal settings, and/or interviews.	Types of Interpersonal Relationships
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Dealing with Apprehension
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Defining Your Audience
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Language in Social Settings
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Organizations
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Project: Developing a Thesis Statement
COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Project: Recognizing In-Language

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COM.9-10.4.1.1.d	Justifies language and techniques used when deviating from established criteria (e.g., deliberate use of non-standard English to create effect or appeal to audience).	Project: Rehearsing Your Speech
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Dealing with Apprehension
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Defining Your Audience
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Project: Delivering and Evaluating Your Speech
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Project: Developing a Thesis Statement
COM.9-10.4.1.1.e	Weighs effect of presentation on audience (e.g., uses verbal and non-verbal audience response and feedback to determine effect).	Project: Rehearsing Your Speech
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Factors Affecting Group Dynamics
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Individual Competence in Groups
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Leadership Functions
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Organizations
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Project: Identifying Leadership Styles
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Self and Communication
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Small Group Types and Formats
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	The Nature of Language
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	The Small Group
COM.9-10.4.1.2.b	Critiques others' communication and/or delivery independently and in groups according to detailed culturally sensitive scoring criteria.	Types of Interpersonal Relationships
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Conversation
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Criticism
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Dealing with Apprehension

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COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Individual Competence in Groups
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Organizations
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Project: Are You a Good Conversationalist?
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Project: Developing a Thesis Statement
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	Project: Using Responsible Language
COM.9-10.4.1.2.c	Offers feedback to peers in support of improving both formal and informal communication.	The Functions of Language
COM.9-10.4.2.1.a	Sets goals for all forms of oral communication using feedback and creates a plan to meet the goals (e.g., group work, formal presentation, conversation, interview, debate).	Conversation
COM.9-10.4.2.1.b	Monitors progress through the use of a variety of tools (e.g., portfolios, logs, rubrics, reflection journals, or video portfolio) making adjustments as needed.	Research
Subject:	Reading	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Dealing with Apprehension
READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Project: Developing a Thesis Statement
READ.9-10.2.1.3.a	State both literal and/or inferred main ideas and provide supporting text-based details.	Introduction to Perception
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Introduction to Perception
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Introduction to Perception
READ.9-10.2.1.6.b	Develop questions before, during, and after reading and use knowledge of questioning strategies to locate answers.	Fluctuations in Relationship Development
READ.9-10.2.1.7.a	Create an informational summary that includes an introductory statement, main ideas, and supporting text-based details; makes connections among the key ideas from the entire text; uses own words in an objective voice; is accurate to the original text; avoids interpretation or judgment; and uses an organizational pattern that supports the author's intent.	Introduction to Perception
READ.9-10.2.2.2.b	Use the features of electronic information to communicate, gain information, or research a topic.	Determining the Purpose and Choosing a Topic
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Project: Looking Inward
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Project: Reflection

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READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Self and Communication
READ.9-10.2.3.4.a	Integrate information from different sources to research and complete a project.	Determining the Purpose and Choosing a Topic
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	The Nature of Language
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Project: Reflection
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Self and Communication
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Introduction to Perception
READ.9-10.2.4.7.b	Compare and contrast readings on the same topics by explaining how the authors reach the same or different conclusions based on differences and similarities in evidence, reasoning, assumptions, purposes, beliefs, and biases.	Introduction to Perception
READ.9-10.2.4.7.d	Make judgments about how effectively an author has supported his/her belief and/or assumptions, citing text-based evidence.	Introduction to Perception
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Telephone Etiquette
READ.9-10.4.1.2.a	Set goals for reading and develop a reading improvement plan.	Conversation
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Factors Affecting Group Dynamics
READ.9-10.4.2.1.a	Discuss responses to literary experiences and/or ideas gleaned from informational/expository text with others.	Small Group Types and Formats

**Alignment Report for Essentials of Language Arts
Washington - Language Arts - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Writing	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Consumer Materials
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Main Idea
WRI.9-10.1.1.1.a	Gathers, analyzes, synthesizes, and organizes information from a variety of sources (e.g., interviews, websites, books, field notes).	Writing a Valid Essay
WRI.9-10.1.1.1.b	Maintains a log or journal (electronic or handwritten) to collect and explore ideas; records observations, dialogues, and/or descriptions for later use as a basis for informational, persuasive, or literary writing.	Literary Critique
WRI.9-10.1.1.1.c	Uses prewriting stage to generate ideas, determine purpose, analyze audience, select form, research background information, formulate a thesis, and organize text.	Writing a Focused Essay
WRI.9-10.1.2.1.b	Drafts according to audience, purpose, and time.	Literary Critique
WRI.9-10.1.2.1.c	Drafts by hand and/or electronically.	Literary Critique
WRI.9-10.1.2.1.d	Assesses draft and/or feedback, decides if multiple drafts are necessary, and justifies decision.	Writing Applications-Response to Literature
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Literary Critique
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Writing Applications-Response to Literature
WRI.9-10.1.3.1.a	Selects and uses effective revision tools or strategies based on project (e.g., sentence analysis form, revision criteria checklist, "find-and-replace" or "track changes" functions of word processing program).	Writing an Expressive Essay
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Literary Critique
WRI.9-10.1.3.1.b	Rereads work several times and has a different focus for each reading (e.g., first reading - looking for the strength or effectiveness of an argument and organizational structure; second reading - considering appropriateness for audience and purpose; third reading - looking for clarity of persuasive language).	Writing Applications-Response to Literature
WRI.9-10.1.3.1.c	Decides if revision is warranted.	Writing Applications-Response to Literature
WRI.9-10.1.3.1.d	Seeks and considers feedback from a variety of sources (e.g., teachers, peers, community members, editors).	Writing Applications-Response to Literature

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WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Literary Critique
WRI.9-10.1.3.1.e	Records feedback using writing group procedure (e.g., partner revision).	Writing Applications-Response to Literature
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Literary Critique
WRI.9-10.1.3.1.f	Evaluates and justifies the choice to use feedback in revisions or not (e.g., "I didn't change my second example because...").	Writing Applications-Response to Literature
WRI.9-10.1.3.1.g	Revises typographical devices (e.g., bullets, numbered lists) to clarify text and to meet requirements of technical and content-area writing forms (e.g., résumé, business letter).	Writing Applications-Business Letter
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Literary Critique
WRI.9-10.1.3.1.h	Uses multiple resources to improve text (e.g., writing guide, assignment criteria, Internet grammar guide, peer, thesaurus, dictionary).	Writing Applications-Response to Literature
WRI.9-10.1.4.1.a	Identifies and corrects errors in conventions.	Literary Critique
WRI.9-10.1.4.1.c	Edits with a critical eye, often using a self-initiated checklist or editing guide (e.g., editing symbols, paper submission guidelines).	Literary Critique
WRI.9-10.1.4.1.d	Proofreads final draft for errors.	Literary Critique
WRI.9-10.1.5.1.b	Publishes using a range of graphics and illustrative material (e.g., time lines, flow charts, political cartoons, diagrams).	Literary Critique
WRI.9-10.1.6.1.a	Revises at any stage of process.	Writing Applications-Response to Literature
WRI.9-10.1.6.1.b	Edits as needed at any stage.	Literary Critique
WRI.9-10.1.6.2.b	Collaborates on drafting, revising, and editing.	Writing Applications-Response to Literature
WRI.9-10.1.6.2.c	Collaborates on final layout and publishing/presenting (e.g., yearbook, literary magazine).	Literary Critique
WRI.9-10.1.6.3.a	Adapts time allotted for data gathering and number of drafts for shorter projects.	Consumer Materials
WRI.9-10.1.6.3.c	Creates a management timeline/ flow chart for written projects (e.g., Thirteenth-Year Plan, exit project, oral histories).	Literary Critique
WRI.9-10.1.6.3.d	Decreases time for prewriting, drafting, revising, and editing when working on in-class, on-demand pieces (e.g., essay exams).	Writing Applications-Response to Literature
WRI.9-10.1.6.3.e	Increases time for prewriting, drafting, revising, and editing when working on longer written projects (e.g., literary analysis, research paper).	Writing Applications-Response to Literature
WRI.9-10.2.1.1.b	Analyzes the audience to meet its needs (e.g., uses tone appropriate to culture, age, and gender of audience).	Literary Critique
WRI.9-10.2.1.1.d	Describes how a particular audience may interpret a text (e.g., eliminating biased language that might be offensive to the audience).	Literary Critique
WRI.9-10.2.1.1.d	Describes how a particular audience may interpret a text (e.g., eliminating biased language that might be offensive to the audience).	Writing Applications-Response to Literature

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WRI.9-10.2.1.1.e	Anticipates and addresses readers' questions or arguments.	Literary Critique
WRI.9-10.2.2.1.d	Writes to learn (e.g., double-entry journal in math, science; portfolio selection defense).	Literary Critique
WRI.9-10.2.3.1.a	Integrates more than one form/genre in a single piece (e.g., a persuasive essay written using a first-person anecdote, a poem, a journal entry, research notes, a classroom discussion, and a letter).	Types of Essays: Persuasive Essay
WRI.9-10.2.3.1.b	Maintains a log or portfolio to track variety of forms/genres used.	Literary Genres
WRI.9-10.2.4.1.a	Collaborates with peers on long-term team writing projects (e.g., research paper for an exit project).	Literary Critique
WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Main Idea
WRI.9-10.2.4.1.c	Selects and synthesizes information from technical and career documents for inclusion in writing (e.g., High School and Beyond Plan that includes information summarized from on-line vocational source or other informational text).	Writing a Valid Essay
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Literary Critique
WRI.9-10.3.1.1.a	Presents a manageable thesis while maintaining a consistent focus in an individualized and purposeful manner (e.g., "Obtaining a driver's license should not be tied to grades in school.").	Writing a Focused Essay
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Writing a Focused Essay
WRI.9-10.3.1.1.b	Selects specific details relevant to the topic to extend ideas or develop elaboration (e.g., quotations, data, reasons, multiple examples that build on each other).	Writing a Valid Essay
WRI.9-10.3.1.1.c	Uses personal experiences, observations, and/or research from a variety of sources to support opinions and ideas (e.g., relevant data to support conclusions in math, science, social studies; appropriate researched information to explain or persuade; contrasting points of view to support a hypothesis or argument).	Writing Applications-Response to Literature
WRI.9-10.3.1.2.a	Writes unified, cohesive paragraphs (e.g., repetition of key terms; parallel structure).	Keeping Ideas Parallel
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Literary Critique
WRI.9-10.3.1.2.b	Selects from a variety of opening strategies and composes an engaging introduction (e.g., vivid, detailed description; historical/cultural background; contrasting situation).	Writing a Valid Essay
WRI.9-10.3.1.2.d	Uses transitional words and phrases between paragraphs to signal emphasis or show logical relationships among ideas (e.g., in fact ..., consequently ..., as a result ..., on the other hand ...).	Connecting Ideas through Subordination

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WRI.9-10.3.1.2.d	Uses transitional words and phrases between paragraphs to signal emphasis or show logical relationships among ideas (e.g., in fact ..., consequently ..., as a result ..., on the other hand ...).	Types of Essays: Biographical Narrative
WRI.9-10.3.1.2.e	Determines effective sequence between and within paragraphs by using transitions to emphasize points in an argument or show logical connections (e.g., inasmuch as ..., possibly ..., therefore ...).	Types of Essays: Biographical Narrative
WRI.9-10.3.1.2.f.1	varied placement of thesis for effect	Writing a Focused Essay
WRI.9-10.3.1.2.f.2	persuasion using comparisons (e.g., all similarities grouped together and all differences grouped together)	Types of Essays: Persuasive Essay
WRI.9-10.3.2.1.a	Writes with a clearly defined voice appropriate to audience.	Literary Critique
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Literary Critique
WRI.9-10.3.2.1.b	Writes in an individual, knowledgeable, and consistent voice in expository, technical, and persuasive writing.	Types of Essays: Persuasive Essay
WRI.9-10.3.2.2.d	Selects and uses specialized vocabulary relevant to a specific content area (e.g., plate tectonics, mitosis, photosynthesis).	Literary Critique
WRI.9-10.3.2.2.e	Selects and uses literary devices deliberately (e.g., extended metaphor, symbols, analogies).	Literary Critique
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Literary Critique
WRI.9-10.3.2.2.f	Selects and uses sound devices deliberately in prose and poetry (e.g., assonance, consonance).	Literary Structures in Poetry
WRI.9-10.3.2.2.g	Considers connotation and denotation, including cultural connotation, when selecting words (police officer vs. cop, bias vs. prejudice).	Language Use
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Literary Critique
WRI.9-10.3.2.3.b	Writes a variety of sentence structures (e.g., absolutes to add detail and elaborate: "Fingers gripping the table, the student waited for the results.").	Writing a Valid Essay
WRI.9-10.3.2.3.c	Writes short sentences and phrases in technical writing.	Connecting Ideas through Subordination
WRI.9-10.3.3.2.a	Uses spelling rules and patterns from previous grades.	Literary Critique
WRI.9-10.3.3.2.c.1	homophones (e.g., council and counsel, stationary and stationery)	Literary Critique
WRI.9-10.3.3.2.c.2	affixes (e.g., -cian, -ness)	Literary Critique
WRI.9-10.3.3.2.c.5	words from other languages (e.g., bourgeois, kindergarten, espresso, boutique, coyote)	Literary Critique
WRI.9-10.3.3.2.c.6	frequently misspelled words (e.g., perceive, congratulations, success)	Literary Critique
WRI.9-10.3.3.3.a	Uses capitalization rules from previous grades.	Literary Critique
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Correct Sentence Punctuation
WRI.9-10.3.3.4.a	Uses punctuation rules from previous grades.	Literary Critique
WRI.9-10.3.3.4.b	Uses commas to set off nonrestrictive clauses (e.g., The gym, which was built last year, is used every day.).	Correct Sentence Punctuation
WRI.9-10.3.3.4.c	Uses brackets around an editorial correction or to set off added words.	Literary Critique

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WRI.9-10.3.3.4.d	Uses the em dash (-) to indicate emphasis or a sudden break, to set off an introductory series, or to show interrupted speech.	Literary Critique
WRI.9-10.3.3.4.e	Use appropriate punctuation when writing in other languages (e.g., René).	Literary Critique
WRI.9-10.3.3.4.f	Uses resources to check punctuation.	Correct Sentence Punctuation
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Literary Critique
WRI.9-10.3.3.5.a	Applies usage rules from previous grades.	Using Nouns and Pronouns Correctly
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Literary Critique
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Using Modifiers Correctly
WRI.9-10.3.3.5.b	Avoids dangling modifiers (e.g., "After I stood in line for hours, I discovered the tickets were sold out." Incorrect: "After standing in line for hours, the tickets were sold out." The second sentence makes it appear that the tickets were in line.).	Using Nouns and Pronouns Correctly
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Literary Critique
WRI.9-10.3.3.5.e	Uses either ... or and neither ... nor correctly.	Using Nouns and Pronouns Correctly
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Choosing the Right Words
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Literary Critique
WRI.9-10.3.3.5.f	Uses many commonly confused words correctly (e.g., accept vs. except or can vs. may).	Using Nouns and Pronouns Correctly
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Literary Critique
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Using Nouns and Pronouns Correctly
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Using Verbs Correctly
WRI.9-10.3.3.5.g	Uses active voice except when passive voice is appropriate (e.g., active voice: "They saw it." vs. passive voice: "It was seen by them.").	Writing an Expressive Essay
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Keeping Ideas Parallel
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Literary Critique
WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Using Nouns and Pronouns Correctly

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WRI.9-10.3.3.5.h.1	parallel: The coach told the players they should get plenty of sleep, they should eat well, and they should do some warm-up exercises.	Writing an Expressive Essay
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Keeping Ideas Parallel
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Literary Critique
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Using Nouns and Pronouns Correctly
WRI.9-10.3.3.5.h.2	not parallel: The coach told the players they should get plenty of sleep, that they should eat well, and to do some warm up exercises.	Writing an Expressive Essay
WRI.9-10.3.3.5.i	Uses resources to check usage.	Using Nouns and Pronouns Correctly
WRI.9-10.3.3.6.a	May use fragments in dialogue as appropriate.	Literary Critique
WRI.9-10.3.3.8.a	Cites sources according to prescribed format (e.g., MLA, APA, Turabian).	Writing a Valid Essay
WRI.9-10.4.1.1.a	Critiques writing, independently and in groups, according to detailed scoring guide, sometimes developed collaboratively (e.g., checklist, rubric, continuum).	Writing a Valid Essay
WRI.9-10.4.1.1.b	Identifies persuasive elements in a peer's writing and critiques the effectiveness (e.g., preponderance of evidence, citing experts, compromise solutions).	Types of Essays: Persuasive Essay
WRI.9-10.4.1.2.a	Explains strengths and weaknesses of own writing using criteria (e.g., content or performance standards, WASL or 6-trait rubrics).	Literary Critique
WRI.9-10.4.1.2.b	Rereads own work for the craft of writing (e.g., character development, irony, tone) as well as the content (e.g., quotations to support contentions).	Literary Critique
WRI.9-10.4.1.2.d	Provides evidence that goals have been met (e.g., selects pieces for culminating exhibition).	Literary Critique
WRI.9-10.4.2.1.b	Analyzes progress (e.g., "My free verse needs better imagery").	Literary Critique
WRI.9-10.4.2.1.e	Maintains a written log of long-term goals (e.g., "I will try other genres, vary points of view, elaborate on evidence, and seek publication.") and a portfolio of work.	Writing a Valid Essay
Subject:	Communication	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
COM.9-10.1.2.2.a	Critiques the effectiveness of persuasive techniques on target audiences (e.g., ethos, pathos, logos appeals, fallacies, propaganda).	Evaluating an Argument or Position
Subject:	Reading	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
READ.9-10.1.2.2.a	Use word origins to determine the meaning of unknown words.	Choosing the Right Words
READ.9-10.1.2.2.b	Use vocabulary strategies to understand new words and concepts in literary/narrative text and informational/expository text.	Choosing the Right Words

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Washington - Language Arts - Grades 9-12

READ.9-10.1.3.2.a	Integrate new vocabulary from informational/expository text and literary/narrative text, including text from a variety of cultures and communities (e.g., salon as a historical reference to political gatherings as opposed to a beauty salon), into written and oral communication.	Literary Critique
READ.9-10.1.3.2.b	Explain the meaning of content-specific vocabulary words (e.g., regeneration, isolationism, emancipation, polarized).	Choosing the Right Words
READ.9-10.1.3.2.b	Explain the meaning of content-specific vocabulary words (e.g., regeneration, isolationism, emancipation, polarized).	Main Idea
READ.9-10.1.3.2.d	Transfer knowledge of vocabulary learned in content areas to comprehend other grade-level informational/expository text and literary/narrative text (e.g., the concept of parallel in mathematics to understand parallelism).	Choosing the Right Words
READ.9-10.2.1.3.b	State the theme/message and supporting details in culturally relevant literary/narrative text.	Theme
READ.9-10.2.1.3.d	Select, from multiple choices, a sentence that best states the theme or main idea of a story, poem, or selection.	Theme
READ.9-10.2.1.3.e	Organize theme, main idea and supporting details into a self-created graphic organizer to enhance text comprehension.	Theme
READ.9-10.2.1.4.a	Use previous experience, knowledge of current issues, information previously learned to make connections, draw conclusions, and generalize about what is read (e.g., transfer knowledge of the concept of tragedy from one text to another).	Drawing Conclusions
READ.9-10.2.1.5.a	Make inferences based on implicit and explicit information drawn from prior knowledge and text; provide justification for inferences.	Drawing Conclusions
READ.9-10.2.1.5.b	Make predictions and inferences about an author's beliefs and cite text-based evidence to support prediction/inference (e.g., find text passages that support an inference that the author advocates economic change).	Conclusions and Predictions
READ.9-10.2.1.5.b	Make predictions and inferences about an author's beliefs and cite text-based evidence to support prediction/inference (e.g., find text passages that support an inference that the author advocates economic change).	Drawing Conclusions
READ.9-10.2.1.5.c	Read several accounts of the same event and make inferences about the impact each would have on the reader (e.g., discuss the emotional impact of a journal entry by a soldier's parent, a letter from a Union or Confederate soldier, and a newspaper article describing a Civil War battle).	Drawing Conclusions
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Conclusions and Predictions
READ.9-10.2.1.5.d	Select, from multiple choices, a prediction, inference, or assumption that could be made from the text.	Drawing Conclusions
READ.9-10.2.1.6.b	Develop questions before, during, and after reading and use knowledge of questioning strategies to locate answers.	Main Idea
READ.9-10.2.1.6.c	Use mental imagery while reading.	Main Idea
READ.9-10.2.2.2.a	Use text features to verify, support, or clarify meaning.	Consumer Materials
READ.9-10.2.2.2.b	Use the features of electronic information to communicate, gain information, or research a topic.	Consumer Materials

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Washington - Language Arts - Grades 9-12

READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Characterization
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	The Plot
READ.9-10.2.2.3.a	Interpret the interdependence and interaction of characters, theme, setting, conflict, and resolution (e.g., in a short story, novel, epic poem).	Theme
READ.9-10.2.2.3.b	Compare/contrast how recurring themes are treated by diverse authors or in different genres.	Theme
READ.9-10.2.2.3.c	Select, from multiple choices, a word or sentence that best describes a specific story element (e.g., character, conflict, resolution).	Characterization
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Main Idea
READ.9-10.2.2.4.b	Independently apply understanding of text structure to the acquisition, organization, and application of information.	Organization
READ.9-10.2.3.1.a	Compare conclusions drawn from multiple sources to determine similarities and differences.	Drawing Conclusions
READ.9-10.2.3.1.b	Integrate information from multiple sources to draw conclusions that go beyond those found in individual sources.	Drawing Conclusions
READ.9-10.2.3.1.c	Select, from multiple choices, a sentence that describes how a character's feelings compare to those of the author/poet about the same subject.	Characterization
READ.9-10.2.3.1.d	Use literary themes within and across texts to interpret current issues, events, and/or how they relate to self.	Theme
READ.9-10.2.3.3.a	Judge the effectiveness of the author's use of literary devices and explain how they are used to convey meaning.	Literary Devices
READ.9-10.2.3.4.a	Integrate information from different sources to research and complete a project.	Main Idea
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Conclusions and Predictions
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Drawing Conclusions
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Evaluating a Consumer/Workplace Text
READ.9-10.2.3.4.b	Integrate information from different sources to form conclusions about author's assumptions, biases, credibility, cultural and social perspectives, or world views.	Main Idea
READ.9-10.2.4.1.a	Draw conclusions from grade-level text (e.g., the most important idea the author is trying to make in the story/poem/selection, what inspiration might be drawn from the story/poem/selection, who might benefit from reading the story/poem/selection).	Drawing Conclusions
READ.9-10.2.4.1.b	Select, from multiple choices, a statement that best represents the most important conclusion that may be drawn from the selection.	Drawing Conclusions

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READ.9-10.2.4.2.b	Draw conclusions about style, tone, mood, meaning of prose, poetry, and/or drama based on the author's word choice and use of figurative language.	Drawing Conclusions
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Drawing Conclusions
READ.9-10.2.4.2.c	Explain why an author uses particular language to create an intended effect (e.g., foreign words, dialect, connotative words, irony, rhetorical devices, simile, and metaphor), citing text-based evidence.	Language Use
READ.9-10.2.4.3.a	Compare and contrast the logic (assumptions and beliefs) and use of evidence (existing and missing information; primary sources and secondary sources) used by two authors presenting similar or opposing arguments (e.g., articles by two political columnists that address the same issue).	Writing a Valid Essay
READ.9-10.2.4.4.b	Select, from multiple choices, a sentence that explains why an author uses a specific persuasive device.	Evaluating an Argument or Position
READ.9-10.2.4.4.c	Identify the intended effects of persuasive strategies the author uses to influence readers' perspectives (e.g., peer pressure, bandwagon, repetition, testimonial, transfer).	Main Idea
READ.9-10.2.4.5.a	Generalize about universal themes, human nature, cultural or historical perspectives, etc., from reading multiple texts.	Theme
READ.9-10.2.4.6.a	Differentiate how a concept is presented and/or developed in and beyond texts (e.g., the role fear plays in war, prejudice, relationships, personal safety).	Main Idea
READ.9-10.2.4.6.c	Select, from multiple choices, a sentence that describes the most important idea, concept, or conclusion that can be drawn from the selection.	Drawing Conclusions
READ.9-10.2.4.7.a	Analyze literary/narrative text and informational/expository text to show how they reflect the heritage, traditions, and beliefs of the author.	Main Idea
READ.9-10.2.4.7.b	Compare and contrast readings on the same topics by explaining how the authors reach the same or different conclusions based on differences and similarities in evidence, reasoning, assumptions, purposes, beliefs, and biases.	Evaluating a Consumer/Workplace Text
READ.9-10.3.1.1.a	Examine materials to determine appropriate primary sources and secondary sources to use for investigating a question, topic, or issue (e.g., encyclopedia and other reference materials, pamphlets, book excerpts, newspaper and magazine articles, letters to an editor, oral records, research summaries, scientific and trade journals).	Writing a Valid Essay
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Main Idea
READ.9-10.3.2.2.a	Read instructions, credit card or job applications, legal documents such as contracts, policies, and timetables, to perform everyday life functions (e.g., find employment, research colleges or trade schools, purchase goods and services, take vacations, locate people and places).	Workplace Documents

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READ.9-10.3.4.2.b	Explain how meaning is enhanced through various features of poetry, including sound (rhythm, repetition, alliteration), structure (meter, rhyme scheme), and graphic elements (line length, punctuation, word placement).	Literary Structures in Poetry
READ.9-10.3.4.3.a	Compare motivations and reactions of literary characters from different historical/cultural backgrounds when confronting similar conflicts.	Characterization
READ.9-10.3.4.3.b	Characterize the presentation of a similar theme or topic across genres and explain how the selection of genre shapes the theme or topic.	Theme
READ.9-10.4.1.2.b	Track reading progress through the use of such tools as portfolios, reflection journals, self-scoring rubrics.	Main Idea

Alignment Report for U.S. History Foundations to Present
Washington - Language Arts - Grades 9-12

State: Washington
Standard: Grade Level Expectations
Subject: Writing
Grade: Grades: 9-10

Section	Description	Lesson Title
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Great Depression
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Great Depression

**Alignment Report for World Civilizations
Washington - Language Arts - Grades 9-12**

State: Washington
Standard: Grade Level Expectations
Subject: Writing
Grade: Grades: 9-10

Section	Description	Lesson Title
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Africa and Apartheid
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Africa and Asia
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Africa, India, and Eurasia
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Changes in World Population
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	China
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	China and Japan
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Comparing Economic Systems
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Continuity in Societies
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Discoveries
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Essay: Compare Causes of Wars
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Essay: Migration Motives
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Essay: Population Growth
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Europe
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Ideologies
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Independence Movements
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Israel and Palestine
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Japan and Korea
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Nation-States
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	North America
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Pandemics
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Political Boundaries
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Population Trends
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Population and Economic Shifts
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Project: Comparison
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Project: Market and Command Economies
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Project: September 11, 2001
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Project: The Cold War
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Project: Themes in Relationships
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Religion
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Revolutions
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Revolutions
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Slavery and Migration
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Terrorism
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Causes of World War I
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Cold War, 1947-1970
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Cold War, 1970-1991
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Effects of World War I
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Emergence of a Global Culture
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Environment
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The French Revolution
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The History of Capitalism
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Industrial Revolution
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The Spread of Religions
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	The State of the World
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Totalitarianism
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	Trade
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	World War II (A New Threat)
WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	World War II (Asia and the Pacific)

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WRI.9-10.3.2.2.a	Selects and uses precise language to persuade or inform.	World War II (Europe)
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Africa and Apartheid
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Africa and Asia
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Africa, India, and Eurasia
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Changes in World Population
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	China
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	China and Japan
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Comparing Economic Systems
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Continuity in Societies
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Discoveries
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Essay: Compare Causes of Wars
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Essay: Migration Motives
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Essay: Population Growth
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Europe
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Ideologies
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Independence Movements
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Israel and Palestine
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Japan and Korea
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Nation-States
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	North America
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Pandemics
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Political Boundaries
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Population Trends
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Population and Economic Shifts
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Project: Comparison
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Project: Market and Command Economies
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Project: September 11, 2001

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Washington - Language Arts - Grades 9-12**

WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Project: The Cold War
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Project: Themes in Relationships
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Religion
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Revolutions
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Revolutions
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Slavery and Migration
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Terrorism
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Causes of World War I
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Cold War, 1947-1970
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Cold War, 1970-1991
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Effects of World War I
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Emergence of a Global Culture
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Environment
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The French Revolution
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The History of Capitalism
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Industrial Revolution
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The Spread of Religions
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	The State of the World
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Totalitarianism
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	Trade
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	World War II (A New Threat)
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	World War II (Asia and the Pacific)
WRI.9-10.3.2.2.b	Selects and uses precise language in poetic and narrative writing.	World War II (Europe)

**Alignment Report for Mathematics 300
Washington - Mathematics - Grades 3-5**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grade 3	
Section	Description	Lesson Title
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Adding with Carrying
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Addition and Equivalent Fractions
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Addition: With and Without Carrying
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Equivalent Fractions
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Number Words and Place Value
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Patterns: Digits and Number Words
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Place Value and Number Words
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Review: Fractions
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Review: Place Value
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Skip Counting
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Skip Counting and Multiplication
MA.3.1.1.1.a	Represent a number to at least 10,000 in different ways, including numerals, words, pictures, and physical models; and translate from one representation to another.	Skip Counting and Number Words
MA.3.1.1.1.b	Represent and show numbers in standard and expanded forms.	Adding with Carrying
MA.3.1.1.1.b	Represent and show numbers in standard and expanded forms.	Addition: With and Without Carrying
MA.3.1.1.1.b	Represent and show numbers in standard and expanded forms.	Expanded Notation and Mixed Numbers
MA.3.1.1.1.b	Represent and show numbers in standard and expanded forms.	How Numbers Work
MA.3.1.1.1.b	Represent and show numbers in standard and expanded forms.	Pattern for Expanded Notation
MA.3.1.1.1.b	Represent and show numbers in standard and expanded forms.	Review: Place Value

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Washington - Mathematics - Grades 3-5**

MA.3.1.1.1.c	State equivalent representations for a given number by decomposing and composing into sums for that number.	Addition and Equivalent Fractions
MA.3.1.1.1.c	State equivalent representations for a given number by decomposing and composing into sums for that number.	Equivalent Fractions
MA.3.1.1.1.c	State equivalent representations for a given number by decomposing and composing into sums for that number.	Expanded Notation and Mixed Numbers
MA.3.1.1.1.c	State equivalent representations for a given number by decomposing and composing into sums for that number.	How Numbers Work
MA.3.1.1.1.c	State equivalent representations for a given number by decomposing and composing into sums for that number.	Pattern for Expanded Notation
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Adding with Carrying
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Addition: With and Without Carrying
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Number Patterns Using Place Value
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Numbers to Thousands Place
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Pattern for Expanded Notation
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Place Value
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Review: Fractions
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Review: Number Order and Place Value
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Review: Place Value
MA.3.1.1.1.d	Represent and discuss place values of digits of whole numbers using words, pictures, or numbers.	Unit Concept Review (2)
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Adding with Carrying
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Addition and Equivalent Fractions
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Addition: With and Without Carrying
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Equivalent Fractions
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Place Value and Number Words
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Review: Fractions and Decimals
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Review: Place Value
MA.3.1.1.2.a	Sort and order whole number values to at least 10,000 from least to greatest.	Review: Roman Numerals and Fractions
MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Adding with Carrying
MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Addition and Equivalent Fractions

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Washington - Mathematics - Grades 3-5**

MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Addition: With and Without Carrying
MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Equivalent Fractions
MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Place Value and Number Words
MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Review: Fractions and Decimals
MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Review: Place Value
MA.3.1.1.2.b	Order three or more numbers to at least 10,000 from least to greatest on number lines, symbolically, or with illustrations.	Review: Roman Numerals and Fractions
MA.3.1.1.2.c	Explain why one whole number is greater than or less than another whole number.	Adding with Carrying
MA.3.1.1.2.c	Explain why one whole number is greater than or less than another whole number.	Addition and Equivalent Fractions
MA.3.1.1.2.c	Explain why one whole number is greater than or less than another whole number.	Addition: With and Without Carrying
MA.3.1.1.2.c	Explain why one whole number is greater than or less than another whole number.	Equivalent Fractions
MA.3.1.1.2.c	Explain why one whole number is greater than or less than another whole number.	Review: Fractions and Decimals
MA.3.1.1.2.c	Explain why one whole number is greater than or less than another whole number.	Review: Place Value
MA.3.1.1.2.c	Explain why one whole number is greater than or less than another whole number.	Review: Roman Numerals and Fractions
MA.3.1.1.3.a	Explain or show how the commutative property works for addition and not subtraction using words, pictures, physical models, or numbers.	Skip Counting
MA.3.1.1.3.a	Explain or show how the commutative property works for addition and not subtraction using words, pictures, physical models, or numbers.	Skip Counting and Multiplication
MA.3.1.1.3.b	Identify equivalent expressions using the commutative property.	Adding with Carrying
MA.3.1.1.3.b	Identify equivalent expressions using the commutative property.	Addition: With and Without Carrying
MA.3.1.1.3.b	Identify equivalent expressions using the commutative property.	Review: Place Value
MA.3.1.1.3.c	Explain the identity property of addition and give examples.	Adding with Carrying
MA.3.1.1.3.c	Explain the identity property of addition and give examples.	Addition: With and Without Carrying
MA.3.1.1.3.c	Explain the identity property of addition and give examples.	Review: Place Value
MA.3.1.1.5.a	Illustrate multiplication and division using words, pictures, models, and/or numbers.	Multiplication
MA.3.1.1.5.a	Illustrate multiplication and division using words, pictures, models, and/or numbers.	Review: Fractions

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MA.3.1.1.5.a	Illustrate multiplication and division using words, pictures, models, and/or numbers.	Skip Counting
MA.3.1.1.5.a	Illustrate multiplication and division using words, pictures, models, and/or numbers.	Skip Counting and Multiplication
MA.3.1.1.5.b	Illustrate and explain the inverse relationship between multiplication and division using words, pictures, models, and/or numbers.	Review: Fractions
MA.3.1.1.5.b	Illustrate and explain the inverse relationship between multiplication and division using words, pictures, models, and/or numbers.	Skip Counting
MA.3.1.1.5.b	Illustrate and explain the inverse relationship between multiplication and division using words, pictures, models, and/or numbers.	Skip Counting and Multiplication
MA.3.1.1.5.c	Show and explain the relationship between multiplication and repeated addition.	Adding with Carrying
MA.3.1.1.5.c	Show and explain the relationship between multiplication and repeated addition.	Addition: With and Without Carrying
MA.3.1.1.5.c	Show and explain the relationship between multiplication and repeated addition.	Review: Place Value
MA.3.1.1.5.f	Identify and explain fact families for multiplication and division.	Family of Facts
MA.3.1.1.5.h	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of whole numbers.	Adding Multi-Digit Numbers
MA.3.1.1.5.h	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of whole numbers.	Column Addition
MA.3.1.1.5.h	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of whole numbers.	Multi-Digit Addition
MA.3.1.1.5.h	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of whole numbers.	Multi-Digit Addition and Subtraction
MA.3.1.1.5.h	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of whole numbers.	Multiple Concept Review
MA.3.1.1.5.h	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of whole numbers.	Practice: Addition and Subtraction
MA.3.1.1.5.h	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of whole numbers.	Story Problems
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Add/Subtract with Checking
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Adding Ones, Tens, and Hundreds
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Addition
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Addition Practice
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Addition and Subtraction: Horizontal Form
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Addition with Carrying

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MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Fact Families, Mental Math, and Addition
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Review: Addition With Checking
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Review: Checking Addition
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Review: Subtraction
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Review: Subtraction with Borrowing
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Subtracting 3-Digit Numbers
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Subtracting Ones, Tens, and Hundreds
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Subtraction with Borrowing
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Subtraction with Borrowing
MA.3.1.1.6.a	Apply a variety of strategies to add and subtract 3-digit numbers in a given situation.	Subtraction with Borrowing and Checking
MA.3.1.1.6.b	Describe and show relationships between strategies and procedures for multiplying and dividing.	Multiplication
MA.3.1.1.6.c	Complete multi-step computations that involve addition and subtraction and explain strategies.	Adding with Carrying
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Add/Subtract with Checking
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Adding Ones, Tens, and Hundreds
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Addition
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Addition Practice
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Addition and Subtraction: Horizontal Form
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Addition with Carrying
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Column Addition
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Fact Families, Mental Math, and Addition
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Review: Addition With Checking
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Review: Borrowing

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MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Review: Checking Addition
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Review: Fractions
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Review: Subtraction
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Review: Subtraction with Borrowing
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Single-Digit Subtraction
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Subtracting 3-Digit Numbers
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Subtracting Ones, Tens, and Hundreds
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Subtracting with Borrowing
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Subtraction with Borrowing
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Subtraction with Borrowing
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Subtraction with Borrowing and Checking
MA.3.1.1.6.d	Explain and apply strategies or use procedures to add three 2-digit or two 3-digit numbers, and/or subtract numbers with 1, 2, or 3 digits.	Unit Concept Review (2)
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Adding Multi-Digit Numbers
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Adding with Carrying
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Addition: With and Without Carrying
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Checking Addition Problems (1)
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Checking Addition Problems (2)
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Column Addition
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Multi-Digit Addition and Subtraction
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Practice: Addition and Subtraction
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Review: Fractions

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MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Review: Place Value
MA.3.1.1.6.e	Explain and apply strategies or use procedures to add up to 5 one-digit whole numbers.	Single-Digit Addition
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Fact Families, Mental Math, and Addition
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Multi-Digit Addition and Subtraction
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Addition and Subtraction
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Addition and Subtraction Computation
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Mental Math, Graphs, Likelihood
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Rounding and Estimating
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Rounding and Estimation
MA.3.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Skip Counting and Number Words
MA.3.1.1.7.b	Explain why a selected tool is most efficient for a given situation.	Problem Solving
MA.3.1.1.7.b	Explain why a selected tool is most efficient for a given situation.	Review: Problem Solving
MA.3.1.1.8.a	Explain when an estimation or exact answer is or is not appropriate.	Rounding and Estimating
MA.3.1.1.8.a	Explain when an estimation or exact answer is or is not appropriate.	Rounding and Estimation
MA.3.1.1.8.b	Apply and explain a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers prior to computation.	Review: Rounding and Estimation
MA.3.1.1.8.b	Apply and explain a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers prior to computation.	Rounding and Estimating
MA.3.1.1.8.b	Apply and explain a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers prior to computation.	Rounding and Estimation
MA.3.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Adding with Carrying
MA.3.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Rounding and Estimating
MA.3.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Rounding and Estimation
MA.3.1.2.1.a	Name attributes that can be measured for a given object.	Measurement
MA.3.1.2.1.a	Name attributes that can be measured for a given object.	Money

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MA.3.1.2.1.a	Name attributes that can be measured for a given object.	Review: Addition, Subtraction, and Money
MA.3.1.2.1.a	Name attributes that can be measured for a given object.	Review: Money
MA.3.1.2.1.b	Show how measurable attributes are used to describe objects or events.	Money
MA.3.1.2.1.b	Show how measurable attributes are used to describe objects or events.	Review: Addition, Subtraction, and Money
MA.3.1.2.1.b	Show how measurable attributes are used to describe objects or events.	Review: Money
MA.3.1.2.1.c	Show how clocks and/or the environment measure the passage of time.	Standard Measurement for Time
MA.3.1.2.1.d	Show how money is used to describe the value of an object.	Money
MA.3.1.2.1.d	Show how money is used to describe the value of an object.	Money Problems
MA.3.1.2.1.d	Show how money is used to describe the value of an object.	Review: Money
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Finding Perimeter
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Measure: Length, Perimeter, and Area
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Measure: Money, Time, and Temperature
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Measurement
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Measurement
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Measurement
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Measurements: Weight and Volume
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Measuring Temperature
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Money Problems
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Perimeter and Area
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Review: Perimeter and Area
MA.3.1.2.1.e	Show how the attributes of length, perimeter, time, money value, weight/mass, capacity, and temperature can be measured without a standard measurement tool.	Unit Concept Review (2)

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MA.3.1.2.1.f.1	Length - inch, foot, yard, mile	Measure: Length, Perimeter, and Area
MA.3.1.2.1.f.2	Money - cent/penny, nickel, dime, quarter, dollar	Money Problems
MA.3.1.2.1.f.6	Time - second, minute, hour, day, week, month, year	Calendar Time
MA.3.1.2.1.f.6	Time - second, minute, hour, day, week, month, year	Measurement
MA.3.1.2.1.f.6	Time - second, minute, hour, day, week, month, year	Review: Calendar
MA.3.1.2.1.f.6	Time - second, minute, hour, day, week, month, year	Review: Multiple Concepts
MA.3.1.2.1.f.6	Time - second, minute, hour, day, week, month, year	Standard Measurement for Time
MA.3.1.2.1.f.6	Time - second, minute, hour, day, week, month, year	Time and Measurement
MA.3.1.2.2.d	Describe appropriate units, standard and non-standard, for measuring length and weight/mass.	Measurement
MA.3.1.2.2.d	Describe appropriate units, standard and non-standard, for measuring length and weight/mass.	Measurement
MA.3.1.2.2.d	Describe appropriate units, standard and non-standard, for measuring length and weight/mass.	Measurements: Weight and Volume
MA.3.1.2.2.d	Describe appropriate units, standard and non-standard, for measuring length and weight/mass.	Unit Concept Review (2)
MA.3.1.2.3.a	Explain the system of standard U.S. units for measurement of money value, length, and capacity.	Measure: Weight and Volume
MA.3.1.2.3.a	Explain the system of standard U.S. units for measurement of money value, length, and capacity.	Money Problems
MA.3.1.2.3.a	Explain the system of standard U.S. units for measurement of money value, length, and capacity.	Review: Measurement
MA.3.1.2.3.a	Explain the system of standard U.S. units for measurement of money value, length, and capacity.	Unit Concept Review (2)
MA.3.1.2.3.c.1	Length - inch, foot, yard	Measure: Length, Perimeter, and Area
MA.3.1.2.3.d	Explain the system of standard U.S. units for measurement of weight.	Measure: Weight and Volume
MA.3.1.2.3.d	Explain the system of standard U.S. units for measurement of weight.	Review: Measurement
MA.3.1.2.3.e	Explain and cite examples of the system of standard units for time including seconds, minutes, hours, days, weeks, months, and years.	Calendar Time
MA.3.1.2.3.e	Explain and cite examples of the system of standard units for time including seconds, minutes, hours, days, weeks, months, and years.	Measurement
MA.3.1.2.3.e	Explain and cite examples of the system of standard units for time including seconds, minutes, hours, days, weeks, months, and years.	Review: Calendar
MA.3.1.2.3.e	Explain and cite examples of the system of standard units for time including seconds, minutes, hours, days, weeks, months, and years.	Review: Multiple Concepts
MA.3.1.2.3.e	Explain and cite examples of the system of standard units for time including seconds, minutes, hours, days, weeks, months, and years.	Time and Measurement
MA.3.1.2.4.a.1	Identify the attribute to measure.	Measurement
MA.3.1.2.4.a.1	Identify the attribute to measure.	Money
MA.3.1.2.4.a.1	Identify the attribute to measure.	Review: Addition, Subtraction, and Money
MA.3.1.2.4.a.1	Identify the attribute to measure.	Review: Money
MA.3.1.2.4.a.2	Select an appropriate unit to measure the attribute identified.	Measurement
MA.3.1.2.4.a.3	Select a tool that matches the unit chosen.	Measurement

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MA.3.1.2.4.a.4	Use the selected tool to determine the number of units.	Measurement
MA.3.1.2.4.b	Measure length, perimeter, time, weight/mass, capacity, and temperature in the U.S. or metric system using the suggested procedure.	Measure: Weight and Volume
MA.3.1.2.4.b	Measure length, perimeter, time, weight/mass, capacity, and temperature in the U.S. or metric system using the suggested procedure.	Measurement
MA.3.1.2.4.b	Measure length, perimeter, time, weight/mass, capacity, and temperature in the U.S. or metric system using the suggested procedure.	Perimeter and Area
MA.3.1.2.4.b	Measure length, perimeter, time, weight/mass, capacity, and temperature in the U.S. or metric system using the suggested procedure.	Review: Measurement
MA.3.1.2.4.b	Measure length, perimeter, time, weight/mass, capacity, and temperature in the U.S. or metric system using the suggested procedure.	Unit Concept Review (2)
MA.3.1.2.4.c	Identify the value of each coin or bill in a given situation and calculate the total amount of money.	Money
MA.3.1.2.4.c	Identify the value of each coin or bill in a given situation and calculate the total amount of money.	Review: Addition, Subtraction, and Money
MA.3.1.2.4.c	Identify the value of each coin or bill in a given situation and calculate the total amount of money.	Review: Money
MA.3.1.2.4.c	Identify the value of each coin or bill in a given situation and calculate the total amount of money.	Review: Word Problems and Money
MA.3.1.2.4.d	Use passage of time to identify or determine an answer to a question.	Math Facts
MA.3.1.2.4.d	Use passage of time to identify or determine an answer to a question.	Measurement
MA.3.1.2.6.b	Use estimation to determine length, perimeter, time, money value, mass/weight, capacity, or temperature and record the number of units with a label.	Measure: Length, Perimeter, and Area
MA.3.1.2.6.b	Use estimation to determine length, perimeter, time, money value, mass/weight, capacity, or temperature and record the number of units with a label.	Measure: Money, Time, and Temperature
MA.3.1.2.6.b	Use estimation to determine length, perimeter, time, money value, mass/weight, capacity, or temperature and record the number of units with a label.	Measurement
MA.3.1.2.6.b	Use estimation to determine length, perimeter, time, money value, mass/weight, capacity, or temperature and record the number of units with a label.	Measurements: Weight and Volume
MA.3.1.2.6.b	Use estimation to determine length, perimeter, time, money value, mass/weight, capacity, or temperature and record the number of units with a label.	Perimeter and Area
MA.3.1.2.6.b	Use estimation to determine length, perimeter, time, money value, mass/weight, capacity, or temperature and record the number of units with a label.	Review: Perimeter and Area
MA.3.1.2.6.b	Use estimation to determine length, perimeter, time, money value, mass/weight, capacity, or temperature and record the number of units with a label.	Unit Concept Review (2)
MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Measure: Length, Perimeter, and Area

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MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Measure: Money, Time, and Temperature
MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Measurement
MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Measurement
MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Measurements: Weight and Volume
MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Measuring Temperature
MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Review: Perimeter and Area
MA.3.1.2.6.c	Describe a procedure for estimating length, perimeter, time, money value, weight/mass, capacity, or temperature.	Unit Concept Review (2)
MA.3.1.2.6.d	Use estimation to determine the perimeter of a rectangle or right triangle and record the number of units with a label.	Measure: Length, Perimeter, and Area
MA.3.1.2.6.d	Use estimation to determine the perimeter of a rectangle or right triangle and record the number of units with a label.	Perimeter and Area
MA.3.1.2.6.d	Use estimation to determine the perimeter of a rectangle or right triangle and record the number of units with a label.	Review: Perimeter and Area
MA.3.1.3.1.a	Draw congruent figures.	Shapes
MA.3.1.3.1.c	Explain congruence and use examples to demonstrate it.	Story Problems
MA.3.1.3.2.b	Draw and label a 2-dimensional figure with given attributes.	Review: Shapes and Measurement
MA.3.1.3.2.b	Draw and label a 2-dimensional figure with given attributes.	Review: Shapes and Symmetry
MA.3.1.3.2.b	Draw and label a 2-dimensional figure with given attributes.	Shapes
MA.3.1.3.2.b	Draw and label a 2-dimensional figure with given attributes.	Shapes, Measurement, and Addition
MA.3.1.3.2.c	Describe a 2-dimensional figure using geometric attributes.	Review: Shapes and Measurement
MA.3.1.3.2.c	Describe a 2-dimensional figure using geometric attributes.	Review: Shapes and Symmetry
MA.3.1.3.2.c	Describe a 2-dimensional figure using geometric attributes.	Shapes
MA.3.1.3.2.c	Describe a 2-dimensional figure using geometric attributes.	Shapes, Measurement, and Addition
MA.3.1.3.2.c	Describe a 2-dimensional figure using geometric attributes.	Symmetry and Shapes
MA.3.1.3.3.b	Describe the location of objects on a number line using numbers or letters.	Directions and Picture Graphs
MA.3.1.3.3.b	Describe the location of objects on a number line using numbers or letters.	Numbers on a Number Line
MA.3.1.3.3.c	Draw or locate points or objects on a number line based on the coordinates given.	Directions and Picture Graphs

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MA.3.1.3.4.a	Locate the point of final destination for movement on a positive number line.	Numbers on a Number Line
MA.3.1.4.5.b	Read, explain, and summarize data from tables, charts, pictographs, and bar graphs.	Likelihood and Graphs
MA.3.1.4.5.b	Read, explain, and summarize data from tables, charts, pictographs, and bar graphs.	Review: Mental Math, Graphs, Likelihood
MA.3.1.4.5.b	Read, explain, and summarize data from tables, charts, pictographs, and bar graphs.	Using Graphs
MA.3.1.4.5.c	Read and interpret data from pictographs and bar graphs for comparative information.	Likelihood and Graphs
MA.3.1.4.5.c	Read and interpret data from pictographs and bar graphs for comparative information.	Review: Mental Math, Graphs, Likelihood
MA.3.1.4.5.c	Read and interpret data from pictographs and bar graphs for comparative information.	Using Graphs
MA.3.1.5.1.a	Identify, describe, extend, or construct patterns of numbers based on a single addition or subtraction between terms.	Addition Problems
MA.3.1.5.1.a	Identify, describe, extend, or construct patterns of numbers based on a single addition or subtraction between terms.	Checking Addition Problems (2)
MA.3.1.5.1.a	Identify, describe, extend, or construct patterns of numbers based on a single addition or subtraction between terms.	Number Patterns
MA.3.1.5.1.a	Identify, describe, extend, or construct patterns of numbers based on a single addition or subtraction between terms.	Practice: Addition and Subtraction
MA.3.1.5.1.a	Identify, describe, extend, or construct patterns of numbers based on a single addition or subtraction between terms.	Review: Multiple Concepts
MA.3.1.5.1.a	Identify, describe, extend, or construct patterns of numbers based on a single addition or subtraction between terms.	Skip Counting
MA.3.1.5.1.a	Identify, describe, extend, or construct patterns of numbers based on a single addition or subtraction between terms.	Skip Counting and Multiplication
MA.3.1.5.1.b	Identify, describe, extend, or construct patterns of figures or objects.	Number Patterns
MA.3.1.5.1.b	Identify, describe, extend, or construct patterns of figures or objects.	Skip Counting
MA.3.1.5.1.c	Identify or write the missing elements in the beginning, middle, and/or end of a pattern.	Number Patterns
MA.3.1.5.1.c	Identify or write the missing elements in the beginning, middle, and/or end of a pattern.	Review: Finding Missing Numbers
MA.3.1.5.1.c	Identify or write the missing elements in the beginning, middle, and/or end of a pattern.	Review: Multiple Concepts
MA.3.1.5.1.d	Identify a pattern that fits a given rule.	Number Patterns
MA.3.1.5.3.a	Explain equality and the use of = in equations.	How Numbers Work
MA.3.1.5.3.a	Explain equality and the use of = in equations.	Number Sentences and Symbols
MA.3.1.5.3.a	Explain equality and the use of = in equations.	Review: Number Symbols and Grouping
MA.3.1.5.3.b	Identify or write an equation for a given situation involving addition or subtraction.	Addition Problems
MA.3.1.5.3.c	Identify or describe a situation that represents a given equation involving addition or subtraction.	Addition Problems

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MA.3.1.5.3.d	Determine when two expressions are equal and use = to denote equality.	How Numbers Work
MA.3.1.5.3.d	Determine when two expressions are equal and use = to denote equality.	Number Sentences and Symbols
MA.3.1.5.3.d	Determine when two expressions are equal and use = to denote equality.	Review: Number Symbols and Grouping
MA.3.1.5.6.a	Solve a one-step equation with addition or subtraction using manipulatives, pictures, physical models, and/or symbols.	Addition Problems
MA.3.1.5.6.a	Solve a one-step equation with addition or subtraction using manipulatives, pictures, physical models, and/or symbols.	Skip Counting
MA.3.1.5.6.a	Solve a one-step equation with addition or subtraction using manipulatives, pictures, physical models, and/or symbols.	Skip Counting and Multiplication
MA.3.1.5.6.b	Write and solve a one-step equation using addition or subtraction in a given situation.	Addition Problems
MA.3.2.1.1.a	Investigate the situation and determine if there is a problem to solve.	Problem Solving
MA.3.2.1.1.a	Investigate the situation and determine if there is a problem to solve.	Review: Problem Solving
MA.3.2.1.2.b	Differentiate between information that is needed or not needed to solve the problem.	Review: Story Problems
MA.3.2.1.2.b	Differentiate between information that is needed or not needed to solve the problem.	Word Problems
MA.3.2.1.3.a	Examine information to identify what is known and unknown.	Review: Story Problems
MA.3.2.1.3.a	Examine information to identify what is known and unknown.	Word Problems
MA.3.2.2.1.a	Select and use relevant data and information in a problem situation.	Math Facts
MA.3.2.2.1.a	Select and use relevant data and information in a problem situation.	Review: Story Problems
MA.3.2.2.1.a	Select and use relevant data and information in a problem situation.	Word Problems
MA.3.2.2.2.a	Use addition and subtraction of whole numbers to construct a solution.	Adding Multi-Digit Numbers
MA.3.2.2.2.a	Use addition and subtraction of whole numbers to construct a solution.	Column Addition
MA.3.2.2.2.a	Use addition and subtraction of whole numbers to construct a solution.	Multi-Digit Addition
MA.3.2.2.2.a	Use addition and subtraction of whole numbers to construct a solution.	Multi-Digit Addition and Subtraction
MA.3.2.2.2.a	Use addition and subtraction of whole numbers to construct a solution.	Practice: Addition and Subtraction
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Finding Perimeter
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Lines, Angles, and Temperature
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Measure: Length, Perimeter, and Area

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MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Measure: Money, Time, and Temperature
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Measurement
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Measurements: Weight and Volume
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Measuring Temperature
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Money Problems
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Perimeter and Area
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Review: Perimeter and Area
MA.3.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, and temperature to construct a solution.	Unit Concept Review (2)
MA.3.2.2.2.c	Use properties of 2-dimensional figures or relative position on a positive number line to construct a solution.	Numbers on a Number Line
MA.3.2.2.2.c	Use properties of 2-dimensional figures or relative position on a positive number line to construct a solution.	Shapes
MA.3.2.2.2.c	Use properties of 2-dimensional figures or relative position on a positive number line to construct a solution.	Shapes, Measurement, and Addition
MA.3.2.2.2.c	Use properties of 2-dimensional figures or relative position on a positive number line to construct a solution.	Symmetry and Shapes
MA.3.2.2.3.a	Use tools such as manipulatives, pictures, charts, calculators, or measurement tools to construct a solution.	Measurement
MA.3.2.2.3.b	Select and apply appropriate strategies to construct a solution.	Problem Solving
MA.3.2.2.3.b	Select and apply appropriate strategies to construct a solution.	Review: Problem Solving
MA.3.2.2.4.a	Check work for mathematical accuracy.	Addition: Checking Answers
MA.3.2.2.4.a	Check work for mathematical accuracy.	Checking Addition Problems (1)
MA.3.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Addition: Checking Answers
MA.3.2.2.4.d	Check to be certain the solution answers the question.	Addition: Checking Answers
MA.3.2.2.4.d	Check to be certain the solution answers the question.	Checking Addition Problems (1)
MA.3.2.2.4.d	Check to be certain the solution answers the question.	Math Facts
MA.3.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, text, diagrams, figures, or pictures.	Likelihood and Graphs
MA.3.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, text, diagrams, figures, or pictures.	Multiple Concept Review
MA.3.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, text, diagrams, figures, or pictures.	Operation Symbols

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MA.3.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, text, diagrams, figures, or pictures.	Review: Mental Math, Graphs, Likelihood
MA.3.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, text, diagrams, figures, or pictures.	Review: Story Problems
MA.3.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, text, diagrams, figures, or pictures.	Story Problems
MA.3.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, text, diagrams, figures, or pictures.	Word Problems
MA.3.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Number Patterns
MA.3.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Review: Checking Subtraction
MA.3.3.3.3.a	Explain and support thinking about numerical, measurement, geometric, and/or statistical ideas using patterns and relationships.	Measurement
MA.3.3.3.3.a	Explain and support thinking about numerical, measurement, geometric, and/or statistical ideas using patterns and relationships.	Number Patterns
MA.3.3.3.3.a	Explain and support thinking about numerical, measurement, geometric, and/or statistical ideas using patterns and relationships.	Review: Checking Subtraction
MA.3.4.1.1.a	Explain what mathematical information is needed for a specific purpose.	Review: Story Problems
MA.3.4.1.1.a	Explain what mathematical information is needed for a specific purpose.	Word Problems
MA.3.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, or bar graphs for a specific purpose.	Likelihood and Graphs
MA.3.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, or bar graphs for a specific purpose.	Review: Mental Math, Graphs, Likelihood
MA.3.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, or bar graphs for a specific purpose.	Review: Story Problems
MA.3.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, or bar graphs for a specific purpose.	Skip Counting
MA.3.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, or bar graphs for a specific purpose.	Skip Counting and Multiplication
MA.3.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, or bar graphs for a specific purpose.	Using Graphs
MA.3.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, or bar graphs for a specific purpose.	Word Problems

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MA.3.4.1.2.c	Use reading, listening, and/or observation skills and strategies to extract mathematical information for a given purpose.	Review: Story Problems
MA.3.4.1.2.c	Use reading, listening, and/or observation skills and strategies to extract mathematical information for a given purpose.	Word Problems
MA.3.4.2.2.a	Represent mathematical information in pictures, tables, charts, pictographs, bar graphs, drawings, or other appropriate forms and include title, labels, and accurate data display.	Review: Mental Math, Graphs, Likelihood
MA.3.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Math Facts
MA.3.5.1.2.b	Explain how two different models represent the same mathematical idea.	Story Problems
MA.3.5.3.1.a	Generate examples and explains how mathematics is used in everyday life.	Operation Symbols
MA.3.5.3.1.b	Describe real-world situations in which mathematics can be used to solve problems with implications for home and the classroom.	Math Facts
MA.3.5.3.1.b	Describe real-world situations in which mathematics can be used to solve problems with implications for home and the classroom.	Operation Symbols
Grade:	Grade 4	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Grade 3	
Section	Description	Lesson Title
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Addition and Equivalent Fractions
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Checking Addition Problems (2)
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Equivalent Fractions
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Expanded Notation and Mixed Numbers
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Place Value and Number Words
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Review: Fractions
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Review: Fractions and Decimals
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Review: Place Value
MA.3.3.1.A	Read, write, compare, order, and represent numbers to 10,000 using numbers, words, and symbols.	Review: Roman Numerals and Fractions
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Adding with Carrying
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Addition: With and Without Carrying
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Number Patterns Using Place Value
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Numbers on a Number Line

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MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Numbers to Thousands Place
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Pattern for Expanded Notation
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Place Value
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Review: Borrowing
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Review: Number Order and Place Value
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Review: Place Value
MA.3.3.1.B	Round whole numbers through 10,000 to the nearest ten, hundred, and thousand.	Review: Subtraction with Borrowing
MA.3.3.1.C	Fluently and accurately add and subtract whole numbers using the standard regrouping algorithms.	Adding Multi-Digit Numbers
MA.3.3.1.C	Fluently and accurately add and subtract whole numbers using the standard regrouping algorithms.	Checking Addition Problems (2)
MA.3.3.1.C	Fluently and accurately add and subtract whole numbers using the standard regrouping algorithms.	Column Addition
MA.3.3.1.C	Fluently and accurately add and subtract whole numbers using the standard regrouping algorithms.	Multi-Digit Addition
MA.3.3.1.C	Fluently and accurately add and subtract whole numbers using the standard regrouping algorithms.	Multi-Digit Addition and Subtraction
MA.3.3.1.C	Fluently and accurately add and subtract whole numbers using the standard regrouping algorithms.	Practice: Addition and Subtraction
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Adding Multi-Digit Numbers
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Addition Problems
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Checking Addition Problems (1)
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Checking Addition Problems (2)
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Column Addition
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Practice: Addition and Subtraction
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Review: Subtraction with Borrowing
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Rounding and Estimating
MA.3.3.1.D	Estimate sums and differences to approximate solutions to problems and determine reasonableness of answers.	Rounding and Estimation
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Adding Multi-Digit Numbers
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Adding with Carrying
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Addition: With and Without Carrying

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MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Checking Addition Problems (2)
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Column Addition
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Multi-Digit Addition
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Multi-Digit Addition and Subtraction
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Multiple Concept Review
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Numbers on a Number Line
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Numbers to Thousands Place
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Operation Symbols
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Practice: Addition and Subtraction
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Review: Borrowing
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Review: Place Value
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Review: Story Problems
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Review: Subtraction with Borrowing
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Story Problems
MA.3.3.1.E	Solve single- and multi-step word problems involving addition and subtraction of whole numbers and verify the solutions.	Word Problems
MA.3.3.2.A	Represent multiplication as repeated addition, arrays, counting by multiples, and equal jumps on the number line, and connect each representation to the related equation.	Multiplication
MA.3.3.2.A	Represent multiplication as repeated addition, arrays, counting by multiples, and equal jumps on the number line, and connect each representation to the related equation.	Numbers on a Number Line

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MA.3.3.2.B	Represent division as equal sharing, repeated subtraction, equal jumps on the number line, and formation of equal groups of objects, and connect each representation to the related equation.	Numbers on a Number Line
MA.3.3.2.C	Determine products, quotients, and missing factors using the inverse relationship between multiplication and division.	Math Facts
MA.3.3.2.D	Apply and explain strategies to compute multiplication facts to 10 X 10 and the related division facts.	Multiple Concept Practice
MA.3.3.2.D	Apply and explain strategies to compute multiplication facts to 10 X 10 and the related division facts.	Multiplication
MA.3.3.2.D	Apply and explain strategies to compute multiplication facts to 10 X 10 and the related division facts.	Multiplication
MA.3.3.2.D	Apply and explain strategies to compute multiplication facts to 10 X 10 and the related division facts.	Multiplication Facts
MA.3.3.2.D	Apply and explain strategies to compute multiplication facts to 10 X 10 and the related division facts.	Multiplication Facts
MA.3.3.2.D	Apply and explain strategies to compute multiplication facts to 10 X 10 and the related division facts.	Multiplication Facts
MA.3.3.2.D	Apply and explain strategies to compute multiplication facts to 10 X 10 and the related division facts.	Review: Multiplication Facts
MA.3.3.2.E	Quickly recall those multiplication facts for which one factor is 1, 2, 5, or 10 and the related division facts.	Multiple Concept Practice
MA.3.3.2.E	Quickly recall those multiplication facts for which one factor is 1, 2, 5, or 10 and the related division facts.	Multiplication
MA.3.3.2.E	Quickly recall those multiplication facts for which one factor is 1, 2, 5, or 10 and the related division facts.	Multiplication
MA.3.3.2.E	Quickly recall those multiplication facts for which one factor is 1, 2, 5, or 10 and the related division facts.	Multiplication Facts
MA.3.3.2.E	Quickly recall those multiplication facts for which one factor is 1, 2, 5, or 10 and the related division facts.	Multiplication Facts
MA.3.3.2.E	Quickly recall those multiplication facts for which one factor is 1, 2, 5, or 10 and the related division facts.	Multiplication Facts
MA.3.3.2.E	Quickly recall those multiplication facts for which one factor is 1, 2, 5, or 10 and the related division facts.	Review: Multiplication Facts
MA.3.3.2.F	Solve and create word problems that match multiplication or division equations.	Multiple Concept Review
MA.3.3.2.F	Solve and create word problems that match multiplication or division equations.	Multiplication
MA.3.3.2.F	Solve and create word problems that match multiplication or division equations.	Operation Symbols
MA.3.3.2.F	Solve and create word problems that match multiplication or division equations.	Review: Story Problems
MA.3.3.2.F	Solve and create word problems that match multiplication or division equations.	Review: Word Problems and Money
MA.3.3.2.F	Solve and create word problems that match multiplication or division equations.	Story Problems
MA.3.3.2.F	Solve and create word problems that match multiplication or division equations.	Word Problems
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Adding with Carrying

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MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Addition: With and Without Carrying
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Number Patterns Using Place Value
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Numbers on a Number Line
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Numbers to Thousands Place
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Pattern for Expanded Notation
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Place Value
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Review: Borrowing
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Review: Number Order and Place Value
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Review: Place Value
MA.3.3.2.G	Multiply any number from 11 through 19 by a single-digit number using the distributive property and place value concepts.	Review: Subtraction with Borrowing
MA.3.3.2.H	Solve single- and multi-step word problems involving multiplication and division and verify the solutions.	Multiple Concept Review
MA.3.3.2.H	Solve single- and multi-step word problems involving multiplication and division and verify the solutions.	Operation Symbols
MA.3.3.2.H	Solve single- and multi-step word problems involving multiplication and division and verify the solutions.	Review: Story Problems
MA.3.3.2.H	Solve single- and multi-step word problems involving multiplication and division and verify the solutions.	Review: Word Problems and Money
MA.3.3.2.H	Solve single- and multi-step word problems involving multiplication and division and verify the solutions.	Story Problems
MA.3.3.2.H	Solve single- and multi-step word problems involving multiplication and division and verify the solutions.	Word Problems
MA.3.3.3.A	Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.	Addition and Equivalent Fractions
MA.3.3.3.A	Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.	Equivalent Fractions
MA.3.3.3.A	Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.	Fractions
MA.3.3.3.A	Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.	Fractions

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MA.3.3.3.A	Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.	Fractions (1)
MA.3.3.3.A	Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.	Fractions (2)
MA.3.3.3.A	Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.	Review: Fractions
MA.3.3.3.B	Compare and order fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Fractions
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Addition and Equivalent Fractions
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Equivalent Fractions
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Fractions
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Fractions
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Fractions (1)
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Fractions (2)
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Review: Fractions
MA.3.3.3.C	Represent and identify equivalent fractions with denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12.	Review: Fractions and Decimals
MA.3.3.3.D	Solve single- and multi-step word problems involving comparison of fractions and verify the solutions.	Multiple Concept Review
MA.3.3.3.D	Solve single- and multi-step word problems involving comparison of fractions and verify the solutions.	Operation Symbols
MA.3.3.3.D	Solve single- and multi-step word problems involving comparison of fractions and verify the solutions.	Review: Story Problems
MA.3.3.3.D	Solve single- and multi-step word problems involving comparison of fractions and verify the solutions.	Story Problems
MA.3.3.3.D	Solve single- and multi-step word problems involving comparison of fractions and verify the solutions.	Word Problems
MA.3.3.4.A	Identify and sketch parallel, intersecting, and perpendicular lines and line segments.	Lines, Angles, and Temperature
MA.3.3.4.A	Identify and sketch parallel, intersecting, and perpendicular lines and line segments.	Multiple Concept Review
MA.3.3.4.A	Identify and sketch parallel, intersecting, and perpendicular lines and line segments.	Review: Shapes and Symmetry
MA.3.3.4.A	Identify and sketch parallel, intersecting, and perpendicular lines and line segments.	Shapes
MA.3.3.4.A	Identify and sketch parallel, intersecting, and perpendicular lines and line segments.	Shapes and Symmetry
MA.3.3.4.B	Identify and sketch right angles.	Multiple Concept Review
MA.3.3.4.B	Identify and sketch right angles.	Shapes
MA.3.3.4.B	Identify and sketch right angles.	Shapes and Symmetry
MA.3.3.4.C	Identify and describe special types of quadrilaterals.	Multiple Concept Review
MA.3.3.4.C	Identify and describe special types of quadrilaterals.	Review: Shapes and Symmetry
MA.3.3.4.C	Identify and describe special types of quadrilaterals.	Shapes
MA.3.3.4.C	Identify and describe special types of quadrilaterals.	Shapes and Symmetry

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MA.3.3.4.C	Identify and describe special types of quadrilaterals.	Shapes, Measurement, and Addition
MA.3.3.4.D	Measure and calculate perimeters of quadrilaterals.	Finding Perimeter
MA.3.3.4.D	Measure and calculate perimeters of quadrilaterals.	Perimeter and Area
MA.3.3.4.E	Solve single- and multi-step word problems involving perimeters of quadrilaterals and verify the solutions.	Finding Perimeter
MA.3.3.4.E	Solve single- and multi-step word problems involving perimeters of quadrilaterals and verify the solutions.	Multiple Concept Review
MA.3.3.4.E	Solve single- and multi-step word problems involving perimeters of quadrilaterals and verify the solutions.	Operation Symbols
MA.3.3.4.E	Solve single- and multi-step word problems involving perimeters of quadrilaterals and verify the solutions.	Perimeter and Area
MA.3.3.4.E	Solve single- and multi-step word problems involving perimeters of quadrilaterals and verify the solutions.	Review: Story Problems
MA.3.3.4.E	Solve single- and multi-step word problems involving perimeters of quadrilaterals and verify the solutions.	Story Problems
MA.3.3.4.E	Solve single- and multi-step word problems involving perimeters of quadrilaterals and verify the solutions.	Word Problems
MA.3.3.5.A	Determine whether two expressions are equal and use "=" to denote equality.	How Numbers Work
MA.3.3.5.A	Determine whether two expressions are equal and use "=" to denote equality.	Number Sentences and Symbols
MA.3.3.5.A	Determine whether two expressions are equal and use "=" to denote equality.	Review: Number Symbols and Grouping
MA.3.3.5.B	Measure temperature in degrees Fahrenheit and degrees Celsius using a thermometer.	Lines, Angles, and Temperature
MA.3.3.5.B	Measure temperature in degrees Fahrenheit and degrees Celsius using a thermometer.	Measure: Money, Time, and Temperature
MA.3.3.5.B	Measure temperature in degrees Fahrenheit and degrees Celsius using a thermometer.	Measuring Temperature
MA.3.3.5.C	Estimate, measure, and compare weight and mass using appropriate-sized U.S. customary and metric units.	Measure: Weight and Volume
MA.3.3.5.C	Estimate, measure, and compare weight and mass using appropriate-sized U.S. customary and metric units.	Review: Measurement
MA.3.3.5.E	Construct and analyze pictographs, frequency tables, line plots, and bar graphs.	Likelihood and Graphs
MA.3.3.5.E	Construct and analyze pictographs, frequency tables, line plots, and bar graphs.	Review: Mental Math, Graphs, Likelihood
MA.3.3.5.E	Construct and analyze pictographs, frequency tables, line plots, and bar graphs.	Using Graphs
MA.3.3.6.A	Determine the question(s) to be answered given a problem situation.	Math Facts
MA.3.3.6.B	Identify information that is given in a problem and decide whether it is necessary or unnecessary to the solution of the problem.	Math Facts
MA.3.3.6.B	Identify information that is given in a problem and decide whether it is necessary or unnecessary to the solution of the problem.	Problem Solving
MA.3.3.6.B	Identify information that is given in a problem and decide whether it is necessary or unnecessary to the solution of the problem.	Review: Problem Solving
MA.3.3.6.B	Identify information that is given in a problem and decide whether it is necessary or unnecessary to the solution of the problem.	Review: Story Problems

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MA.3.3.6.B	Identify information that is given in a problem and decide whether it is necessary or unnecessary to the solution of the problem.	Word Problems
MA.3.3.6.C	Identify missing information that is needed to solve a problem.	Math Facts
MA.3.3.6.C	Identify missing information that is needed to solve a problem.	Review: Story Problems
MA.3.3.6.C	Identify missing information that is needed to solve a problem.	Word Problems
MA.3.3.6.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Math Facts
MA.3.3.6.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Problem Solving
MA.3.3.6.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Review: Problem Solving
MA.3.3.6.E	Select and use one or more appropriate strategies to solve a problem.	Math Facts
MA.3.3.6.E	Select and use one or more appropriate strategies to solve a problem.	Problem Solving
MA.3.3.6.E	Select and use one or more appropriate strategies to solve a problem.	Review: Problem Solving
MA.3.3.6.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Checking Addition Problems (2)
MA.3.3.6.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Directions and Picture Graphs
MA.3.3.6.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Review: Fractions
MA.3.3.6.G	Explain why a specific problem-solving strategy or procedure was used to determine a solution.	Problem Solving
MA.3.3.6.G	Explain why a specific problem-solving strategy or procedure was used to determine a solution.	Review: Problem Solving

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Mathematics
Grade:	Grade 3
Grade:	Grade 4

Section	Description	Lesson Title
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Fractions (1)
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Fractions (2)
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Fractions (3)
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Fractions Equal to Whole Numbers
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Fractions with Unlike Denominators
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Proper and Improper Fractions
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Reading and Writing Fractions
MA.4.1.1.1.a	Represent parts of a whole or parts of a set as fractions with common denominators.	Review: Fractions
MA.4.1.1.1.b	Represent decimals (money) in multiple ways including symbols, pictures, and physical models.	Decimal Numbers
MA.4.1.1.1.b	Represent decimals (money) in multiple ways including symbols, pictures, and physical models.	Decimals
MA.4.1.1.1.b	Represent decimals (money) in multiple ways including symbols, pictures, and physical models.	Practice: Operations and Money
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Fractions Equal to Whole Numbers
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Multi-Digit Addition
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Multiples
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Multiplication
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Multiplication Practice
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Prime and Composite Numbers
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Proper and Improper Fractions
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Reading and Writing Fractions
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Review: Fractions
MA.4.1.1.1.c	Illustrate fractions as parts of a whole object, number, or set.	Review: Multiplication
MA.4.1.1.1.d	Explain or show how a fraction can be decomposed as a sum of smaller fractions.	Review: Fractions
MA.4.1.1.2.a	Describe or show equivalent fractions using models, including pictures, paper folding, geoboards, and parallel number lines.	Equivalent Fractions

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MA.4.1.1.2.a	Describe or show equivalent fractions using models, including pictures, paper folding, geoboards, and parallel number lines.	Equivalent Fractions
MA.4.1.1.2.a	Describe or show equivalent fractions using models, including pictures, paper folding, geoboards, and parallel number lines.	Equivalent Fractions
MA.4.1.1.2.a	Describe or show equivalent fractions using models, including pictures, paper folding, geoboards, and parallel number lines.	Equivalent Fractions and Decimals
MA.4.1.1.2.a	Describe or show equivalent fractions using models, including pictures, paper folding, geoboards, and parallel number lines.	Mixed Numbers
MA.4.1.1.2.a	Describe or show equivalent fractions using models, including pictures, paper folding, geoboards, and parallel number lines.	Review: Bar Graphs and Fractions
MA.4.1.1.2.b	Approximate halves, thirds, and fourths in relationship to whole units on a number line.	Place Value and Rounding
MA.4.1.1.2.c	Order fractions with like-denominators using numbers, pictures, and objects.	Fractions (3)
MA.4.1.1.2.c	Order fractions with like-denominators using numbers, pictures, and objects.	Fractions with Unlike Denominators
MA.4.1.1.2.c	Order fractions with like-denominators using numbers, pictures, and objects.	Mixed Numbers
MA.4.1.1.2.e	Explain how to order fractions and/or decimals related to money.	Mixed Numbers
MA.4.1.1.2.e	Explain how to order fractions and/or decimals related to money.	Money
MA.4.1.1.2.e	Explain how to order fractions and/or decimals related to money.	Practice: Operations and Money
MA.4.1.1.2.f	Explain why one fraction is greater than, less than, or equal to another fraction.	Mixed Numbers
MA.4.1.1.3.b	Explain the identity property of addition and multiplication and give examples.	Multiply with Carrying to 100's
MA.4.1.1.3.c	Explain why equations are true or false based on one of the properties of addition or multiplication.	Addition and Subtraction
MA.4.1.1.3.c	Explain why equations are true or false based on one of the properties of addition or multiplication.	Multiply with Carrying to 100's
MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Addition and Subtraction
MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Multi-Digit Addition
MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Multiples
MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Multiplication
MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Multiplication Practice

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MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Multiply with Carrying to 100's
MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Prime and Composite Numbers
MA.4.1.1.3.d	Illustrate and demonstrate the use of the commutative, associative, or identity property of addition or multiplication using words, pictures, numbers, or objects.	Review: Multiplication
MA.4.1.1.3.e	Use addition or multiplication properties to replicate a computational strategy when given an example.	Addition and Subtraction
MA.4.1.1.3.e	Use addition or multiplication properties to replicate a computational strategy when given an example.	Multiply with Carrying to 100's
MA.4.1.1.3.f	Illustrate and demonstrate the use of the zero property of multiplication on whole numbers.	Multi-Digit Addition
MA.4.1.1.3.f	Illustrate and demonstrate the use of the zero property of multiplication on whole numbers.	Multiples
MA.4.1.1.3.f	Illustrate and demonstrate the use of the zero property of multiplication on whole numbers.	Multiplication
MA.4.1.1.3.f	Illustrate and demonstrate the use of the zero property of multiplication on whole numbers.	Multiplication Practice
MA.4.1.1.3.f	Illustrate and demonstrate the use of the zero property of multiplication on whole numbers.	Multiply with Carrying to 100's
MA.4.1.1.3.f	Illustrate and demonstrate the use of the zero property of multiplication on whole numbers.	Prime and Composite Numbers
MA.4.1.1.3.f	Illustrate and demonstrate the use of the zero property of multiplication on whole numbers.	Review: Multiplication
MA.4.1.1.5.a	Represent addition and subtraction of fractions with like-denominators using numbers, pictures, and models including everyday objects, fraction circles, number lines, and geoboards.	Adding and Subtracting Fractions
MA.4.1.1.5.a	Represent addition and subtraction of fractions with like-denominators using numbers, pictures, and models including everyday objects, fraction circles, number lines, and geoboards.	Fractions
MA.4.1.1.5.a	Represent addition and subtraction of fractions with like-denominators using numbers, pictures, and models including everyday objects, fraction circles, number lines, and geoboards.	Fractions (2)
MA.4.1.1.5.a	Represent addition and subtraction of fractions with like-denominators using numbers, pictures, and models including everyday objects, fraction circles, number lines, and geoboards.	Review: Fractions
MA.4.1.1.5.a	Represent addition and subtraction of fractions with like-denominators using numbers, pictures, and models including everyday objects, fraction circles, number lines, and geoboards.	Review: Fractions and Place Value
MA.4.1.1.5.b	Use joining, separating, part-part-whole, and comparison situations to add and subtract like-denominator fractions.	Adding and Subtracting Fractions
MA.4.1.1.5.b	Use joining, separating, part-part-whole, and comparison situations to add and subtract like-denominator fractions.	Fractions
MA.4.1.1.5.b	Use joining, separating, part-part-whole, and comparison situations to add and subtract like-denominator fractions.	Fractions (2)

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MA.4.1.1.5.b	Use joining, separating, part-part-whole, and comparison situations to add and subtract like-denominator fractions.	Review: Fractions
MA.4.1.1.5.b	Use joining, separating, part-part-whole, and comparison situations to add and subtract like-denominator fractions.	Review: Fractions and Place Value
MA.4.1.1.5.c	Translate a given picture or illustration into an equivalent symbolic representation of addition and subtraction of like denominator fractions.	Adding and Subtracting Fractions
MA.4.1.1.5.c	Translate a given picture or illustration into an equivalent symbolic representation of addition and subtraction of like denominator fractions.	Fractions
MA.4.1.1.5.c	Translate a given picture or illustration into an equivalent symbolic representation of addition and subtraction of like denominator fractions.	Review: Fractions
MA.4.1.1.5.c	Translate a given picture or illustration into an equivalent symbolic representation of addition and subtraction of like denominator fractions.	Review: Fractions and Place Value
MA.4.1.1.5.d	Select and/or use an appropriate operation to show understanding of addition and subtraction of like-denominator fractions.	Review: Fractions
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Division Facts
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Division Practice
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Factoring and Place Value
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Factors and Multiples
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Factors, Multiples, and Variables
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multi-Digit Addition
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiples
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiplication
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiplication Facts
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiplication Facts For 11 and 12
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiplication Facts: 6-10 and Review
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiplication Practice
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiplication and Division
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Multiply and Divide
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Operations
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Place Value
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Practice Multiplication

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MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Prime and Composite Numbers
MA.4.1.1.6.a	Select and develop strategies that help with recall of multiplication and division through 12s.	Review: Multiplication
MA.4.1.1.6.b	Select and test algorithms used in computational situations that involve multiplication and division of whole numbers and explain strategies.	Multiplication
MA.4.1.1.6.b	Select and test algorithms used in computational situations that involve multiplication and division of whole numbers and explain strategies.	Multiplication Practice
MA.4.1.1.6.b	Select and test algorithms used in computational situations that involve multiplication and division of whole numbers and explain strategies.	Multiplication of Whole Numbers
MA.4.1.1.6.b	Select and test algorithms used in computational situations that involve multiplication and division of whole numbers and explain strategies.	Multiply with Carrying to 10s
MA.4.1.1.6.b	Select and test algorithms used in computational situations that involve multiplication and division of whole numbers and explain strategies.	Review: Multiplication
MA.4.1.1.6.c	Compute with whole numbers using a combination of any two operations in a given situation.	Whole Numbers
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Division (1)
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Division and Averages
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Division with Remainders
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Multiplication
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Multiplication Practice
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Multiplication and Fractions
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Multiply and Divide
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Review: Division and Roman Numerals
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Review: Multiplication
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	Review: Multiplication
MA.4.1.1.6.d	Explain and apply strategies or use procedures to multiply 2-digit numbers by 3-digit numbers and/or divide 3- or 4-digit numbers by 2-digit numbers without remainders.	The Metric System

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MA.4.1.1.6.e	Appropriately apply and explain the concept of remainder in a given context.	Division (1)
MA.4.1.1.6.e	Appropriately apply and explain the concept of remainder in a given context.	Division and Averages
MA.4.1.1.6.e	Appropriately apply and explain the concept of remainder in a given context.	Division with Remainders
MA.4.1.1.6.e	Appropriately apply and explain the concept of remainder in a given context.	Review: Division and Roman Numerals
MA.4.1.1.6.e	Appropriately apply and explain the concept of remainder in a given context.	The Metric System
MA.4.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Estimate Answers to 1,000's
MA.4.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Estimating Answers to 100's
MA.4.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Place Value and Rounding
MA.4.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Computation
MA.4.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Expanded Notation and Estimation
MA.4.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Rounding and Estimating
MA.4.1.1.7.b	Explain why a selected tool is most efficient for a situation.	Multiplication
MA.4.1.1.7.b	Explain why a selected tool is most efficient for a situation.	Multiplication Practice
MA.4.1.1.7.b	Explain why a selected tool is most efficient for a situation.	Review: Multiplication
MA.4.1.1.8.a	Explain when an estimation or exact answer is or is not appropriate.	Place Value and Rounding
MA.4.1.1.8.a	Explain when an estimation or exact answer is or is not appropriate.	Review: Expanded Notation and Estimation
MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Estimation
MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Multiples
MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Project: Predicting Data
MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Review: Rounding Numbers and Place Value
MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Review: Rounding and Shapes

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MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Rounding Numbers to 10's
MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Rounding Numbers to 10's, 100's, and 1,000's
MA.4.1.1.8.b	Apply a variety of estimation strategies, including multiples of 10 and 100, rounding, and compatible numbers, to predict an answer prior to computation.	Rounding and Estimating
MA.4.1.1.8.c	Use estimation to check the reasonableness of calculated results.	Place Value and Rounding
MA.4.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Multiplication
MA.4.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Multiplication Practice
MA.4.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Place Value and Rounding
MA.4.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Review: Computation
MA.4.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Review: Expanded Notation and Estimation
MA.4.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Review: Multiplication
MA.4.1.1.8.d	Explain an appropriate adjustment when an estimate and a calculation don't agree.	Rounding and Estimating
MA.4.1.2.1.a	Demonstrate how area covers a figure and perimeter encloses an area.	Perimeter and Area (1)
MA.4.1.2.1.a	Demonstrate how area covers a figure and perimeter encloses an area.	Perimeter and Area (2)
MA.4.1.2.1.b	Illustrate the difference between perimeter and area with drawings.	Perimeter and Area (2)
MA.4.1.2.1.c	Describe situations where area is the needed measurable attribute.	Perimeter and Area (2)
MA.4.1.2.1.d	Describe objects using measurements of area.	Perimeter and Area (2)
MA.4.1.2.1.e	Describe pictorial representations of objects or figures illustrating area measurements.	Perimeter and Area (2)
MA.4.1.2.2.b	Explain how the linear measurement units are related to area measurement units.	Linear Measurement
MA.4.1.2.2.b	Explain how the linear measurement units are related to area measurement units.	Perimeter and Area (2)
MA.4.1.2.2.c	Determine the unit used to measure area.	Perimeter and Area (2)
MA.4.1.2.2.d	Explain why area is measured in square units.	Perimeter and Area (2)
MA.4.1.2.3.a	Explain and cite examples of the system of standard units for time.	Review: Math Symbols
MA.4.1.2.3.a	Explain and cite examples of the system of standard units for time.	Review: Measurement
MA.4.1.2.3.a	Explain and cite examples of the system of standard units for time.	Using Standard Measures
MA.4.1.2.3.b	Explain how standard units of weight are organized in the U.S. system.	Review: Measurements
MA.4.1.2.3.c.1	Weight - ounce, pound	Linear Measurement
MA.4.1.2.3.c.1	Weight - ounce, pound	Review: Roman Numerals, Measurement, and Symbols
MA.4.1.2.3.c.2	Time - second, minute, hour, day, week, month, year	Linear Measurement

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MA.4.1.2.3.c.2	Time - second, minute, hour, day, week, month, year	Reading a Calendar
MA.4.1.2.3.c.2	Time - second, minute, hour, day, week, month, year	Review: Operations and Rounding
MA.4.1.2.3.d	Show how to convert units of length, mass, and capacity within the metric system in order to answer a question.	Linear Measurement
MA.4.1.2.3.d	Show how to convert units of length, mass, and capacity within the metric system in order to answer a question.	Reading and Solving Story Problems
MA.4.1.2.4.a.1	Identify the attribute to measure.	Linear Measurement
MA.4.1.2.4.a.2	Select an appropriate unit to measure the attribute identified.	Linear Measurement
MA.4.1.2.4.a.3	Select a tool that matches the unit chosen.	Linear Measurement
MA.4.1.2.4.a.4	Use the selected tool to determine the number of units.	Linear Measurement
MA.4.1.2.4.a.5	Report or record the number of units and a label.	Linear Measurement
MA.4.1.2.4.b	Measure length and perimeter using the suggested procedure.	Linear Measurement
MA.4.1.2.4.b	Measure length and perimeter using the suggested procedure.	Perimeter and Area (1)
MA.4.1.2.6.c	Determine and explain whether estimation or precision is needed in a given situation.	Place Value and Rounding
MA.4.1.2.6.c	Determine and explain whether estimation or precision is needed in a given situation.	Review: Expanded Notation and Estimation
MA.4.1.2.6.d	Use estimation to determine the area of a rectangle and record the number of units with a label.	Perimeter and Area (2)
MA.4.1.3.1.b	Explain symmetry and use examples to demonstrate symmetry in 2-dimensional shapes and figures.	Review: Plane and Solid Shapes
MA.4.1.3.1.c	Draw one or more lines of symmetry in a given 2-dimensional figure.	Plane and Solid Shapes
MA.4.1.3.1.c	Draw one or more lines of symmetry in a given 2-dimensional figure.	Review: Plane and Solid Shapes
MA.4.1.3.1.c	Draw one or more lines of symmetry in a given 2-dimensional figure.	Review: Shapes, Perimeter, and Area
MA.4.1.3.1.d	Describe properties of 2-dimensional figures including parallel and perpendicular lines or lines of symmetry.	Plane and Solid Shapes
MA.4.1.3.1.d	Describe properties of 2-dimensional figures including parallel and perpendicular lines or lines of symmetry.	Review: Plane and Solid Shapes
MA.4.1.3.1.d	Describe properties of 2-dimensional figures including parallel and perpendicular lines or lines of symmetry.	Review: Shapes, Perimeter, and Area
MA.4.1.3.1.d	Describe properties of 2-dimensional figures including parallel and perpendicular lines or lines of symmetry.	Shapes
MA.4.1.3.2.a	Draw and label 2-dimensional figures given particular attributes, including congruence.	Lines, Segments, End Points, Rays, Angles
MA.4.1.3.2.a	Draw and label 2-dimensional figures given particular attributes, including congruence.	Shapes
MA.4.1.3.2.b	Sort, classify, and label congruent 2-dimensional shapes and figures in multiple orientations.	Plane and Solid Shapes
MA.4.1.3.2.b	Sort, classify, and label congruent 2-dimensional shapes and figures in multiple orientations.	Review: Plane and Solid Shapes
MA.4.1.3.3.a	Locate points or objects in the first quadrant on a coordinate grid in terms of horizontal and vertical position.	Lines, Directions, and Maps
MA.4.1.3.3.b	Plot a given set of ordered pairs in the first quadrant of a coordinate grid.	Ordered Pairs
MA.4.1.3.3.c	Use ordered pairs to name the location of points or objects in the first quadrant of a coordinate grid.	Lines, Directions, and Maps
MA.4.1.3.3.c	Use ordered pairs to name the location of points or objects in the first quadrant of a coordinate grid.	Ordered Pairs

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MA.4.1.3.4.a	Show and explain a translation or reflection using a 2-dimensional shape or figure.	Review: Plane and Solid Shapes
MA.4.1.4.1.a	Predict the likelihood of events and use the vocabulary of probability.	Project: Predicting Data
MA.4.1.4.3.b	Determine which of several questions is most likely to give the needed information.	Problem Solving with Fractions
MA.4.1.4.3.b	Determine which of several questions is most likely to give the needed information.	Reading and Solving Story Problems
MA.4.1.4.3.c	Select data collection methods, including conducting a survey, using observations, or measuring.	Data Collection and Random Sampling
MA.4.1.4.3.c	Select data collection methods, including conducting a survey, using observations, or measuring.	Project: Collecting Data
MA.4.1.4.3.d	Make and explain a plan to collect, record, and organize data.	Data Collection and Random Sampling
MA.4.1.4.3.d	Make and explain a plan to collect, record, and organize data.	Project: Collecting Data
MA.4.1.4.5.a	Read and interpret data from line plots.	Line Graphs
MA.4.1.4.5.c	Summarize text and data in a given table, chart, line plot, pictograph, or bar graph.	Graphs
MA.4.1.4.5.f	Explain whether a line plot, pictograph, table, chart, or bar graph is more appropriate for a given situation or to answer a question most effectively.	Graphs
MA.4.1.4.5.g	Read and interpret data from a pictograph where the scale is more than one unit.	Line Graphs
MA.4.1.5.1.a	Extend, describe, or construct patterns of numbers, using addition, subtraction, or multiplication, based on a single operation between terms.	Patterns
MA.4.1.5.1.a	Extend, describe, or construct patterns of numbers, using addition, subtraction, or multiplication, based on a single operation between terms.	Patterns
MA.4.1.5.1.b	Extend, describe, or construct patterns of shapes or objects.	Patterns
MA.4.1.5.1.b	Extend, describe, or construct patterns of shapes or objects.	Patterns
MA.4.1.5.1.c	Extend and represent patterns using words, tables, numbers, physical models, and/or pictures.	Patterns
MA.4.1.5.1.c	Extend and represent patterns using words, tables, numbers, physical models, and/or pictures.	Patterns
MA.4.1.5.1.d	Construct a number pattern and explain what makes it a pattern.	Patterns
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Equations
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Missing Number Equations
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Missing Number Problems
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Missing Number Problems
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Missing Number Problems
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Multiple Concept Review
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Patterns

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MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Patterns
MA.4.1.5.1.e	Determine missing elements in the beginning, middle, and/or end of a pattern.	Problem Solving with Equations
MA.4.1.5.2.a	Identify or generate a rule for a pattern with a single arithmetic operation in order to extend or fill in parts of the pattern.	Patterns
MA.4.1.5.2.a	Identify or generate a rule for a pattern with a single arithmetic operation in order to extend or fill in parts of the pattern.	Patterns
MA.4.1.5.2.b	Show growing patterns using objects or pictures and explain the rule.	Patterns
MA.4.1.5.2.d	Explain why a given rule fits a pattern based on a single arithmetic operation in the rule.	Patterns
MA.4.1.5.3.c	Identify or describe a situation that represents a given expression, equation, or inequality using =, "is not equal to", <, or >.	Operations
MA.4.1.5.3.c	Identify or describe a situation that represents a given expression, equation, or inequality using =, "is not equal to", <, or >.	Relation Symbols
MA.4.1.5.3.c	Identify or describe a situation that represents a given expression, equation, or inequality using =, "is not equal to", <, or >.	Relation Symbols
MA.4.1.5.3.c	Identify or describe a situation that represents a given expression, equation, or inequality using =, "is not equal to", <, or >.	Review: Operation and Relation Symbols
MA.4.1.5.3.c	Identify or describe a situation that represents a given expression, equation, or inequality using =, "is not equal to", <, or >.	Review: Roman Numerals, Measurement, and Symbols
MA.4.1.5.3.c	Identify or describe a situation that represents a given expression, equation, or inequality using =, "is not equal to", <, or >.	Review: Time and Number Sense
MA.4.1.5.3.d	Express relationships between quantities using =, "is not equal to", <, or >.	Operations
MA.4.1.5.3.d	Express relationships between quantities using =, "is not equal to", <, or >.	Relation Symbols
MA.4.1.5.3.d	Express relationships between quantities using =, "is not equal to", <, or >.	Relation Symbols
MA.4.1.5.3.d	Express relationships between quantities using =, "is not equal to", <, or >.	Review: Operation and Relation Symbols
MA.4.1.5.3.d	Express relationships between quantities using =, "is not equal to", <, or >.	Review: Roman Numerals, Measurement, and Symbols
MA.4.1.5.3.d	Express relationships between quantities using =, "is not equal to", <, or >.	Review: Time and Number Sense
MA.4.1.5.4.b	Use mathematical symbols including a single variable to write expressions and equations to represent a given situation.	Missing Number Equations
MA.4.1.5.4.b	Use mathematical symbols including a single variable to write expressions and equations to represent a given situation.	Review: Operation and Relation Symbols
MA.4.1.5.4.c	Describe a situation that represents a given expression or equation that includes a single variable.	Missing Number Equations
MA.4.1.5.4.d	Explain the meaning of a single variable in a formula, expression, or equation.	Missing Number Equations

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MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Add and Subtract to 10,000's
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Multi-Digit Addition
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Multi-Digit Addition and Subtraction
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Multi-Digit Subtraction
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Multiplication
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Multiplication Practice
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Practice Addition and Subtraction
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Review: Multiplication
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Review: Operation and Relation Symbols
MA.4.1.5.5.a	Illustrate expressions using manipulatives, physical models, pictures, and/or symbols.	Review: Regrouping
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Add and Subtract to 10,000's
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Multi-Digit Addition
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Multi-Digit Addition and Subtraction
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Multi-Digit Subtraction
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Multiplication
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Multiplication Practice
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Practice Addition and Subtraction
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Review: Multiplication
MA.4.1.5.5.b	Substitute a numeric value for a symbol in an expression or formula and compute as indicated.	Review: Regrouping
MA.4.2.1.1.a	Investigate the situation and determine if there is a problem to solve.	Story Problems
MA.4.2.1.1.c	Generate questions that would need to be answered in order to solve the problem.	Reading and Solving Story Problems
MA.4.2.1.2.a	Identify missing information that is needed to solve the problem.	Reading and Solving Story Problems
MA.4.2.1.2.b	Differentiate between information that is needed or not needed to solve the problem.	Problem Solving with Fractions
MA.4.2.1.2.b	Differentiate between information that is needed or not needed to solve the problem.	Reading and Solving Story Problems
MA.4.2.1.3.a	Examine information to identify what is known and unknown.	Problem Solving with Fractions
MA.4.2.1.3.a	Examine information to identify what is known and unknown.	Reading and Solving Story Problems
MA.4.2.2.1.a	Select and use relevant data and information in a problem situation.	Problem Solving with Fractions

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MA.4.2.2.1.a	Select and use relevant data and information in a problem situation.	Reading and Solving Story Problems
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Add and Subtract to 10,000's
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Multi-Digit Addition
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Multi-Digit Addition and Subtraction
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Multi-Digit Subtraction
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Multiplication
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Multiplication Practice
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Multiplication of Whole Numbers
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Multiply with Carrying to 10s
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Practice Addition and Subtraction
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Review: Multiplication
MA.4.2.2.2.a	Use addition, subtraction, multiplication, and/or division of whole numbers to construct a solution.	Review: Regrouping
MA.4.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, temperature, or area to construct a solution.	Capacity (Dry and Liquid Measurement)
MA.4.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, temperature, or area to construct a solution.	Linear Measurement
MA.4.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, temperature, or area to construct a solution.	Money
MA.4.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, temperature, or area to construct a solution.	Perimeter and Area (1)
MA.4.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, temperature, or area to construct a solution.	Perimeter and Area (2)
MA.4.2.2.2.b	Use measurements related to length, perimeter, time, money value, weight/mass, capacity, temperature, or area to construct a solution.	Practice: Operations and Money
MA.4.2.2.2.c	Use properties of 2-dimensional figures, congruence, location, translation, or reflection in the first quadrant of a grid to construct a solution.	Lines, Directions, and Maps
MA.4.2.2.2.c	Use properties of 2-dimensional figures, congruence, location, translation, or reflection in the first quadrant of a grid to construct a solution.	Review: Plane and Solid Shapes
MA.4.2.2.2.c	Use properties of 2-dimensional figures, congruence, location, translation, or reflection in the first quadrant of a grid to construct a solution.	Shapes
MA.4.2.2.3.b	Select and apply appropriate strategies to construct a solution.	Story Problems

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MA.4.2.2.3.c	Determine when an approach is unproductive and try a new approach.	Reading and Solving Story Problems
MA.4.2.2.4.d	Check to be certain the solution answers the question.	Reading and Solving Story Problems
MA.4.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, line plots, text, diagrams, figures, or pictures.	Add and Subtract to 10,000's
MA.4.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, line plots, text, diagrams, figures, or pictures.	Graphs
MA.4.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, line plots, text, diagrams, figures, or pictures.	Multi-Digit Addition and Subtraction
MA.4.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, line plots, text, diagrams, figures, or pictures.	Problem Solving with Fractions
MA.4.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, line plots, text, diagrams, figures, or pictures.	Reading and Solving Story Problems
MA.4.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, line plots, text, diagrams, figures, or pictures.	Review: Bar Graphs and Fractions
MA.4.3.1.1.a	Compare mathematical information and results represented in tables, charts, pictographs, bar graphs, line plots, text, diagrams, figures, or pictures.	Word Problems and Equations
MA.4.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Add and Subtract to 10,000's
MA.4.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Check Your Answers
MA.4.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Multi-Digit Addition and Subtraction
MA.4.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Patterns
MA.4.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Problem Solving with Fractions
MA.4.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Reading and Solving Story Problems
MA.4.3.3.1.a	Justify results using evidence and information from the problem situation as well as known facts, patterns, and relationships.	Word Problems and Equations
MA.4.3.3.3.a	Explain and support thinking about numerical, measurement, geometric, and/or statistical ideas using patterns and relationships.	Check Your Answers
MA.4.3.3.3.a	Explain and support thinking about numerical, measurement, geometric, and/or statistical ideas using patterns and relationships.	Patterns
MA.4.4.1.1.a	Determine and explain what mathematical information is needed for a specific purpose.	Problem Solving with Fractions

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MA.4.4.1.1.a	Determine and explain what mathematical information is needed for a specific purpose.	Reading and Solving Story Problems
MA.4.4.1.1.b	Develop and explain a plan, not a survey, to collect mathematical information including what information is needed and where and how to find the information.	Data Collection and Random Sampling
MA.4.4.1.1.b	Develop and explain a plan, not a survey, to collect mathematical information including what information is needed and where and how to find the information.	Problem Solving with Fractions
MA.4.4.1.1.b	Develop and explain a plan, not a survey, to collect mathematical information including what information is needed and where and how to find the information.	Project: Collecting Data
MA.4.4.1.1.b	Develop and explain a plan, not a survey, to collect mathematical information including what information is needed and where and how to find the information.	Reading and Solving Story Problems
MA.4.4.1.1.c	Develop and follow a plan, not a survey, to collect mathematical information for a specific purpose by reading, listening, and/or observing.	Data Collection and Random Sampling
MA.4.4.1.1.c	Develop and follow a plan, not a survey, to collect mathematical information for a specific purpose by reading, listening, and/or observing.	Project: Collecting Data
MA.4.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, bar graphs, or line plots for a specific purpose.	Graphs
MA.4.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, models, pictographs, bar graphs, or line plots for a specific purpose.	Review: Bar Graphs and Fractions
MA.4.4.1.2.b	Write questions that could be answered using data sources such as magazines, newspapers, menus, sales or travel brochures, TV or bus schedules, or sales receipts.	Lines, Directions, and Maps
MA.4.4.1.2.c	Use reading, listening, and/or observation skills and strategies to extract mathematical information for a given purpose.	Problem Solving with Fractions
MA.4.4.1.2.c	Use reading, listening, and/or observation skills and strategies to extract mathematical information for a given purpose.	Reading and Solving Story Problems
MA.4.4.2.2.a	Represent mathematical information in pictures, tables, charts, pictographs, bar graphs, line plots, drawings, or other appropriate forms and include title, labels, appropriate and consistent scales, and accurate data display.	Graphs
MA.4.5.1.2.c	Create a mathematical model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Add and Subtract to 10,000's
MA.4.5.1.2.c	Create a mathematical model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Multi-Digit Addition and Subtraction
MA.4.5.1.2.c	Create a mathematical model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Problem Solving with Fractions

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MA.4.5.1.2.c	Create a mathematical model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Reading and Solving Story Problems
MA.4.5.1.2.c	Create a mathematical model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Word Problems and Equations
MA.4.5.3.1.a	Generate examples and explains how mathematics is used in everyday life.	Lines, Directions, and Maps
MA.4.5.3.1.b	Describe real-world situations in which mathematics can be used to solve problems with implications for home and the classroom.	Lines, Directions, and Maps
Grade:	Grade 5	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Grade 3	
Grade:	Grade 4	
Section	Description	Lesson Title
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Division Facts
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Division Practice
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Multiplication Facts
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Multiplication Facts For 11 and 12
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Multiplication Facts: 6-10 and Review
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Multiplication and Division
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Multiply and Divide
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Operations
MA.4.4.1.A	Quickly recall multiplication facts through 10 X 10 and the related division facts.	Practice Multiplication
MA.4.4.1.B	Identify factors and multiples of a number.	Factoring and Place Value
MA.4.4.1.B	Identify factors and multiples of a number.	Factors and Multiples
MA.4.4.1.B	Identify factors and multiples of a number.	Factors, Multiples, and Variables
MA.4.4.1.B	Identify factors and multiples of a number.	Multiples
MA.4.4.1.B	Identify factors and multiples of a number.	Prime and Composite Numbers
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Decimals
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Division (1)
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Division with Remainders
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Learn Numbers to 100,000's
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Multiplication and Fractions
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Multiply and Divide
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Multiply with Carrying to 10s

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MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Place Value
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Place Value to 1,000's (1)
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Place Value to 1,000's (2)
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Place Value to 10,000's
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Review: Division and Roman Numerals
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Review: Fractions and Place Value
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Review: Multiplication
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	Review: Time and Number Sense
MA.4.4.1.C	Represent multiplication of a two-digit number by a two-digit number with place value models.	The Metric System
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Decimals
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Estimation
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Learn Numbers to 100,000's
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Multi-Digit Addition
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Multiples
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Multiplication
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Multiplication Practice
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Multiplication and Fractions
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Multiply with Carrying to 100's
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Place Value
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Place Value to 1,000's (1)
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Place Value to 1,000's (2)
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Place Value to 10,000's
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Prime and Composite Numbers
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Review: Fractions and Place Value
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Review: Multiplication
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Review: Rounding and Shapes
MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Review: Time and Number Sense

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MA.4.4.1.E	Compare the values represented by digits in whole numbers using place value.	Rounding and Estimating
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Division (1)
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Division with Remainders
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Multiplication
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Multiplication Practice
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Multiplication and Fractions
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Multiplication of Whole Numbers
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Multiply and Divide
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Multiply with Carrying to 10s
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Review: Division and Roman Numerals
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Review: Multiplication
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	Review: Multiplication
MA.4.4.1.F	Fluently and accurately multiply up to a three-digit number by one- and two-digit numbers using the standard multiplication algorithm.	The Metric System
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Division (1)
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Division with Remainders
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Estimation
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Factoring and Place Value
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Factors and Multiples
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Factors, Multiples, and Variables
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multi-Digit Addition
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiples

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MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiplication
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiplication Practice
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiplication and Fractions
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiplication of Whole Numbers
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiply and Divide
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiply with Carrying to 100's
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Multiply with Carrying to 10s
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Prime and Composite Numbers
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Review: Division and Roman Numerals
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Review: Multiplication
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Review: Multiplication
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	Review: Rounding and Shapes
MA.4.4.1.G	Mentally multiply two-digit numbers by numbers through 10 and by multiples of 10.	The Metric System
MA.4.4.1.H	Estimate products to approximate solutions to problems and determine reasonableness of answers.	Estimate Answers to 1,000's
MA.4.4.1.H	Estimate products to approximate solutions to problems and determine reasonableness of answers.	Estimating Answers to 10's
MA.4.4.1.H	Estimate products to approximate solutions to problems and determine reasonableness of answers.	Estimating Answers to 100's
MA.4.4.1.H	Estimate products to approximate solutions to problems and determine reasonableness of answers.	Place Value and Rounding
MA.4.4.1.H	Estimate products to approximate solutions to problems and determine reasonableness of answers.	Review: Expanded Notation and Estimation
MA.4.4.1.H	Estimate products to approximate solutions to problems and determine reasonableness of answers.	Rounding and Estimating
MA.4.4.1.I	Solve single- and multi-step word problems involving multi-digit multiplication and verify the solutions.	Add and Subtract to 10,000's
MA.4.4.1.I	Solve single- and multi-step word problems involving multi-digit multiplication and verify the solutions.	Multi-Digit Addition and Subtraction
MA.4.4.1.I	Solve single- and multi-step word problems involving multi-digit multiplication and verify the solutions.	Problem Solving with Fractions
MA.4.4.1.I	Solve single- and multi-step word problems involving multi-digit multiplication and verify the solutions.	Reading and Solving Story Problems
MA.4.4.1.I	Solve single- and multi-step word problems involving multi-digit multiplication and verify the solutions.	Story Problems
MA.4.4.1.I	Solve single- and multi-step word problems involving multi-digit multiplication and verify the solutions.	Word Problems and Equations
MA.4.4.1.J	Solve single- and multi-step word problems involving division and verify the solutions.	Add and Subtract to 10,000's
MA.4.4.1.J	Solve single- and multi-step word problems involving division and verify the solutions.	Multi-Digit Addition and Subtraction

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MA.4.4.1.J	Solve single- and multi-step word problems involving division and verify the solutions.	Problem Solving with Fractions
MA.4.4.1.J	Solve single- and multi-step word problems involving division and verify the solutions.	Reading and Solving Story Problems
MA.4.4.1.J	Solve single- and multi-step word problems involving division and verify the solutions.	Story Problems
MA.4.4.1.J	Solve single- and multi-step word problems involving division and verify the solutions.	Word Problems and Equations
MA.4.4.2.A	Represent decimals through hundredths with place value models, fraction equivalents, and the number line.	Decimal Numbers
MA.4.4.2.A	Represent decimals through hundredths with place value models, fraction equivalents, and the number line.	Decimals
MA.4.4.2.A	Represent decimals through hundredths with place value models, fraction equivalents, and the number line.	Mixed Numbers
MA.4.4.2.A	Represent decimals through hundredths with place value models, fraction equivalents, and the number line.	Review: Multiplication
MA.4.4.2.B	Read, write, compare, and order decimals through hundredths.	Decimal Numbers
MA.4.4.2.B	Read, write, compare, and order decimals through hundredths.	Decimals
MA.4.4.2.B	Read, write, compare, and order decimals through hundredths.	Review: Multiplication
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Equivalent Fractions
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Equivalent Fractions
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Equivalent Fractions
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Equivalent Fractions and Decimals
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Fractions
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Fractions (1)
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Fractions (3)
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Fractions Equal to Whole Numbers
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Fractions and Mixed Numbers
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Fractions and Patterns
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Mixed Numbers
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Proper and Improper Fractions
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Reading and Writing Fractions
MA.4.4.2.C	Convert a mixed number to a fraction and vice versa, and visually represent the number.	Review: Fractions
MA.4.4.2.E	Compare and order decimals and fractions (including mixed numbers) on the number line, lists, and the symbols $<$, $>$, or $=$.	Fractions with Unlike Denominators

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MA.4.4.2.E	Compare and order decimals and fractions (including mixed numbers) on the number line, lists, and the symbols $<$, $>$, or $=$.	Mixed Numbers
MA.4.4.2.E	Compare and order decimals and fractions (including mixed numbers) on the number line, lists, and the symbols $<$, $>$, or $=$.	Review: Operation and Relation Symbols
MA.4.4.2.F	Write a fraction equivalent to a given fraction.	Equivalent Fractions
MA.4.4.2.F	Write a fraction equivalent to a given fraction.	Equivalent Fractions
MA.4.4.2.F	Write a fraction equivalent to a given fraction.	Equivalent Fractions
MA.4.4.2.F	Write a fraction equivalent to a given fraction.	Equivalent Fractions and Decimals
MA.4.4.2.F	Write a fraction equivalent to a given fraction.	Review: Bar Graphs and Fractions
MA.4.4.2.G	Simplify fractions using common factors.	Factoring and Place Value
MA.4.4.2.G	Simplify fractions using common factors.	Factors and Multiples
MA.4.4.2.G	Simplify fractions using common factors.	Factors, Multiples, and Variables
MA.4.4.2.G	Simplify fractions using common factors.	Prime and Composite Numbers
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Estimation
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Multi-Digit Addition
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Multiples
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Multiplication
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Multiplication Practice
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Multiplication and Fractions
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Multiply with Carrying to 100's
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Prime and Composite Numbers
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Review: Multiplication
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Review: Rounding Numbers and Place Value
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Review: Rounding and Shapes
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Rounding Numbers to 10's, 100's, and 1,000's
MA.4.4.2.H	Round fractions and decimals to the nearest whole number.	Rounding and Estimating
MA.4.4.2.I	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Add and Subtract to 10,000's
MA.4.4.2.I	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Equivalent Fractions
MA.4.4.2.I	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Equivalent Fractions
MA.4.4.2.I	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Equivalent Fractions

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MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Equivalent Fractions and Decimals
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Fractions
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Fractions (1)
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Fractions (3)
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Fractions Equal to Whole Numbers
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Fractions and Mixed Numbers
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Fractions with Unlike Denominators
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Mixed Numbers
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Multi-Digit Addition and Subtraction
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Problem Solving with Fractions
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Proper and Improper Fractions
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Reading and Solving Story Problems
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Reading and Writing Fractions
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Review: Fractions
MA.4.4.2.1	Solve single- and multi-step word problems involving comparison of decimals and fractions (including mixed numbers), and verify the solutions.	Word Problems and Equations
MA.4.4.3.A	Determine congruence of two-dimensional figures.	Review: Plane and Solid Shapes
MA.4.4.3.A	Determine congruence of two-dimensional figures.	Shapes
MA.4.4.3.B	Determine the approximate area of a figure using square units.	Perimeter and Area (2)
MA.4.4.3.B	Determine the approximate area of a figure using square units.	Review: Roman Numerals, Measurement, and Symbols
MA.4.4.3.C	Determine the perimeter and area of a rectangle using formulas, and explain why the formulas work.	Perimeter and Area (2)

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MA.4.4.3.D	Determine the areas of figures that can be broken down into rectangles.	Perimeter and Area (1)
MA.4.4.3.D	Determine the areas of figures that can be broken down into rectangles.	Perimeter and Area (2)
MA.4.4.3.E	Demonstrate that rectangles with the same area can have different perimeters, and that rectangles with the same perimeter can have different areas.	Perimeter and Area (1)
MA.4.4.3.E	Demonstrate that rectangles with the same area can have different perimeters, and that rectangles with the same perimeter can have different areas.	Perimeter and Area (2)
MA.4.4.3.F	Solve single- and multi-step word problems involving perimeters and areas of rectangles and verify the solutions.	Add and Subtract to 10,000's
MA.4.4.3.F	Solve single- and multi-step word problems involving perimeters and areas of rectangles and verify the solutions.	Multi-Digit Addition and Subtraction
MA.4.4.3.F	Solve single- and multi-step word problems involving perimeters and areas of rectangles and verify the solutions.	Perimeter and Area (1)
MA.4.4.3.F	Solve single- and multi-step word problems involving perimeters and areas of rectangles and verify the solutions.	Perimeter and Area (2)
MA.4.4.3.F	Solve single- and multi-step word problems involving perimeters and areas of rectangles and verify the solutions.	Problem Solving with Fractions
MA.4.4.3.F	Solve single- and multi-step word problems involving perimeters and areas of rectangles and verify the solutions.	Reading and Solving Story Problems
MA.4.4.3.F	Solve single- and multi-step word problems involving perimeters and areas of rectangles and verify the solutions.	Word Problems and Equations
MA.4.4.4.A	Represent an unknown quantity in simple expressions, equations, and inequalities using letters, boxes, and other symbols.	Missing Number Equations
MA.4.4.4.A	Represent an unknown quantity in simple expressions, equations, and inequalities using letters, boxes, and other symbols.	Review: Operation and Relation Symbols
MA.4.4.4.B	Solve single- and multi-step problems involving familiar unit conversions, including time, within either the U.S. customary or metric system.	Linear Measurement
MA.4.4.4.B	Solve single- and multi-step problems involving familiar unit conversions, including time, within either the U.S. customary or metric system.	Review: Measurements
MA.4.4.4.B	Solve single- and multi-step problems involving familiar unit conversions, including time, within either the U.S. customary or metric system.	Review: Time
MA.4.4.4.C	Estimate and determine elapsed time using a calendar, a digital clock, and an analog clock.	Reading a Calendar
MA.4.4.4.C	Estimate and determine elapsed time using a calendar, a digital clock, and an analog clock.	Review: Operations and Rounding
MA.4.4.4.C	Estimate and determine elapsed time using a calendar, a digital clock, and an analog clock.	Telling Time
MA.4.4.4.D	Graph and identify points in the first quadrant of the coordinate plane using ordered pairs.	Ordered Pairs

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MA.4.4.4.E	Determine the median, mode, and range of a set of data and describe what each measure indicates about the data.	Averages and Number Rules
MA.4.4.4.H	Display the results of probability experiments and interpret the results.	Line Graphs
MA.4.4.5.A	Determine the question(s) to be answered given a problem situation.	Reading and Solving Story Problems
MA.4.4.5.B	Identify information that is given in a problem and decide whether it is essential or extraneous to the solution of the problem.	Problem Solving with Fractions
MA.4.4.5.B	Identify information that is given in a problem and decide whether it is essential or extraneous to the solution of the problem.	Reading and Solving Story Problems
MA.4.4.5.C	Identify missing information that is needed to solve a problem.	Reading and Solving Story Problems
MA.4.4.5.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Reading and Solving Story Problems
MA.4.4.5.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Story Problems
MA.4.4.5.E	Select and use one or more appropriate strategies to solve a problem and explain why that strategy was chosen.	Reading and Solving Story Problems
MA.4.4.5.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Review: Operation and Relation Symbols
MA.4.4.5.G	Explain why a specific problem-solving strategy or procedure was used to determine a solution.	Story Problems
MA.4.4.5.I	Summarize mathematical information, draw conclusions, and explain reasoning.	Missing Number Problems
MA.4.4.5.J	Make and test conjectures based on data (or information) collected from explorations and experiments.	Line Graphs
MA.4.4.5.J	Make and test conjectures based on data (or information) collected from explorations and experiments.	Project: Predicting Data

**Alignment Report for Mathematics 500
Washington - Mathematics - Grades 3-5**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Mathematics
Grade:	Grade 3
Grade:	Grade 4
Grade:	Grade 5

Section	Description	Lesson Title
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Decimal Numbers
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Division Symbols
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Division of Decimals
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Fractions
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Fractions
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Fractions
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Fractions-Proper and Improper
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Multiplication of Decimals
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Multiplying Decimal Numbers
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Multiplying Fractions with Mixed Numbers
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Place Value and Remainders
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Review of Mixed Numbers
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Review: Place Value
MA.5.1.1.1.a	Represent mixed numbers, proper and improper fractions, and decimals using words, pictures, models, and/or numbers.	Writing Decimal Numbers
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Decimal Numbers

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MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Division of Decimals
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Fractions
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Fractions
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Multiplication of Decimals
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Multiplying Decimal Numbers
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Place Value and Remainders
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Review: Writing Large Numbers
MA.5.1.1.1.b	Make a model when given a symbolic representation or write a fraction or decimal when given a number line, picture, or model.	Writing Decimal Numbers
MA.5.1.1.1.c	Explain how the value of a fraction changes in relationship to the size of the whole.	Fractions
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Decimal Numbers
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Decimals
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Division of Decimals
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Multiplication of Decimals
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Multiplying Decimal Numbers
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Operations
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Place Value
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Place Value Words
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Place Value and Large Numbers
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Place Value and Remainders
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Review: Writing Large Numbers
MA.5.1.1.1.d	Explain the value for a given digit and/or show how to read and write decimals to at least the thousandths place.	Writing Decimal Numbers
MA.5.1.1.1.e	Represent improper fractions as mixed numbers and mixed numbers as improper fractions.	Mixed Numbers to Improper Fractions
MA.5.1.1.1.e	Represent improper fractions as mixed numbers and mixed numbers as improper fractions.	Review of Mixed Numbers

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Washington - Mathematics - Grades 3-5**

MA.5.1.1.2.a	Order decimals, proper and improper fractions, and/or mixed numbers with denominators 2, 3, 4, 5, 6, 10, 12, and/or 15 using symbolic representations, number lines, or pictures.	Comparing Fractions
MA.5.1.1.2.a	Order decimals, proper and improper fractions, and/or mixed numbers with denominators 2, 3, 4, 5, 6, 10, 12, and/or 15 using symbolic representations, number lines, or pictures.	Comparing Numbers (2)
MA.5.1.1.2.a	Order decimals, proper and improper fractions, and/or mixed numbers with denominators 2, 3, 4, 5, 6, 10, 12, and/or 15 using symbolic representations, number lines, or pictures.	Fractions-Proper and Improper
MA.5.1.1.2.a	Order decimals, proper and improper fractions, and/or mixed numbers with denominators 2, 3, 4, 5, 6, 10, 12, and/or 15 using symbolic representations, number lines, or pictures.	Practice Reading Symbols
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Converting Fractions and Decimals
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Decimal Numbers
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Division of Decimals
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Fractions
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Fractions to Decimals to Percents
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Multiplication of Decimals
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Multiplying Decimal Numbers
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Place Value and Remainders
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Writing Decimal Numbers
MA.5.1.1.2.b	Identify and/or explain the relationship among equivalent decimals and fractions.	Writing Decimals Two Ways
MA.5.1.1.2.c	Explain why one fraction is greater than, less than, or equal to another fraction.	Comparing Fractions
MA.5.1.1.2.c	Explain why one fraction is greater than, less than, or equal to another fraction.	Fractions
MA.5.1.1.2.c	Explain why one fraction is greater than, less than, or equal to another fraction.	Fractions-Proper and Improper
MA.5.1.1.2.d	Explain why one decimal is greater than, less than, or equal to another decimal.	Decimal Numbers
MA.5.1.1.2.d	Explain why one decimal is greater than, less than, or equal to another decimal.	Division of Decimals
MA.5.1.1.2.d	Explain why one decimal is greater than, less than, or equal to another decimal.	Multiplication of Decimals
MA.5.1.1.2.d	Explain why one decimal is greater than, less than, or equal to another decimal.	Multiplying Decimal Numbers
MA.5.1.1.2.d	Explain why one decimal is greater than, less than, or equal to another decimal.	Place Value and Remainders
MA.5.1.1.2.d	Explain why one decimal is greater than, less than, or equal to another decimal.	Writing Decimal Numbers

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MA.5.1.1.2.e	Show how factors and multiples can be used to name equivalent fractions.	Equivalent Fractions
MA.5.1.1.2.e	Show how factors and multiples can be used to name equivalent fractions.	Factor Boxes
MA.5.1.1.2.e	Show how factors and multiples can be used to name equivalent fractions.	Factors and Multiples
MA.5.1.1.2.e	Show how factors and multiples can be used to name equivalent fractions.	Fractions-Proper and Improper
MA.5.1.1.2.e	Show how factors and multiples can be used to name equivalent fractions.	Test for Equivalent Fractions
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Division of Decimals
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Expanded Numbers
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Multiplication of Decimals
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Multiplying Decimal Numbers
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Place Value and Remainders
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Review
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Review: Writing Large Numbers
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Solving Division Problems
MA.5.1.1.3.a	Use the concepts of odd and even numbers to check for divisibility.	Working with Numbers
MA.5.1.1.3.b	Illustrate prime or composite numbers by creating a physical model.	Factor Boxes
MA.5.1.1.3.b	Illustrate prime or composite numbers by creating a physical model.	Prime Factors
MA.5.1.1.3.b	Illustrate prime or composite numbers by creating a physical model.	Review
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Division of Decimals
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Expanded Numbers
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Factor Boxes
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Multiplication of Decimals
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Multiplying Decimal Numbers
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Place Value and Remainders
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Prime Factors
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Review
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Review: Writing Large Numbers
MA.5.1.1.3.c	Identify prime or composite numbers between 1 and 100 and explain why a whole number is prime or composite.	Working with Numbers

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MA.5.1.1.3.d	Explain how to find the least common multiple (LCM) and greatest common factor (GCF) of two numbers.	Reducing Fractions
MA.5.1.1.3.d	Explain how to find the least common multiple (LCM) and greatest common factor (GCF) of two numbers.	Simplifying a Fraction
MA.5.1.1.3.d	Explain how to find the least common multiple (LCM) and greatest common factor (GCF) of two numbers.	Subtracting by Finding Common Denominators
MA.5.1.1.3.e	Use factors, multiples, and prime and composite numbers in a variety of situations.	Factor Boxes
MA.5.1.1.3.e	Use factors, multiples, and prime and composite numbers in a variety of situations.	Factors and Multiples
MA.5.1.1.3.e	Use factors, multiples, and prime and composite numbers in a variety of situations.	Prime Factors
MA.5.1.1.3.e	Use factors, multiples, and prime and composite numbers in a variety of situations.	Review
MA.5.1.1.3.e	Use factors, multiples, and prime and composite numbers in a variety of situations.	Working with Numbers
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Division of Decimals
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Expanded Numbers
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Factor Boxes
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Factors and Multiples
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Multiplication of Decimals
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Multiplying Decimal Numbers
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Place Value and Remainders
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Prime Factors
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Review: Factors, Rounding, and Averages
MA.5.1.1.3.f	Factor a number into its prime factorization or into factor pairs.	Review: Writing Large Numbers
MA.5.1.1.3.g	Explain or show whether one number is a factor of another number.	Factor Boxes
MA.5.1.1.3.g	Explain or show whether one number is a factor of another number.	Factors and Multiples
MA.5.1.1.3.h	Explain or demonstrate why a number is prime or composite.	Factor Boxes
MA.5.1.1.3.h	Explain or demonstrate why a number is prime or composite.	Prime Factors
MA.5.1.1.3.h	Explain or demonstrate why a number is prime or composite.	Review
MA.5.1.1.3.h	Explain or demonstrate why a number is prime or composite.	Working with Numbers
MA.5.1.1.5.a	Represent addition and subtraction of fractions with denominators of 2, 4, 8 or 2, 3, 6, 12 or 2, 5, 10.	Dividing Fractions with Mixed Numbers
MA.5.1.1.5.a	Represent addition and subtraction of fractions with denominators of 2, 4, 8 or 2, 3, 6, 12 or 2, 5, 10.	Subtracting Mixed Numbers (2)

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MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Adding Decimals
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Adding Decimals in Columns
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Decimal Numbers
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Division of Decimals
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Fractions
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Multiplication of Decimals
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Multiplying Decimal Numbers
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Multiplying and Dividing Fractions and Decimals
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Place Value and Remainders
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Practice Reading Symbols
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Subtracting Decimals
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Writing Decimal Numbers
MA.5.1.1.5.b	Represent or explain addition and subtraction of non-negative decimals through thousandths using words, pictures, models, or numbers.	Writing a Number Sentence
MA.5.1.1.5.c	Explain a strategy for adding and subtracting fractions.	Dividing Fractions with Mixed Numbers
MA.5.1.1.5.c	Explain a strategy for adding and subtracting fractions.	Reducing Fractions
MA.5.1.1.5.c	Explain a strategy for adding and subtracting fractions.	Simplifying a Fraction
MA.5.1.1.5.c	Explain a strategy for adding and subtracting fractions.	Subtracting Mixed Numbers (2)
MA.5.1.1.5.c	Explain a strategy for adding and subtracting fractions.	Subtracting by Finding Common Denominators

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MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Adding Decimals
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Adding Decimals in Columns
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Decimal Numbers
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Division of Decimals
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Fractions
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Multiplication of Decimals
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Multiplying Decimal Numbers
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Place Value and Remainders
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Practice Reading Symbols
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Subtracting Decimals
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Writing Decimal Numbers
MA.5.1.1.5.d	Select and/or use an appropriate operation(s) to show understanding of addition and subtraction of non-negative decimals and/or fractions.	Writing a Number Sentence
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Adding Decimals
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Adding Decimals in Columns
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Dividing Fractions with Mixed Numbers
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Practice Reading Symbols

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MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Subtracting Decimals
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Subtracting Mixed Numbers (2)
MA.5.1.1.5.e	Explain the relationship between addition and subtraction of non-negative decimals and fractions.	Writing a Number Sentence
MA.5.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of addition and subtraction of non-negative fractions and decimals.	Dividing Fractions with Mixed Numbers
MA.5.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of addition and subtraction of non-negative fractions and decimals.	Practice Reading Symbols
MA.5.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of addition and subtraction of non-negative fractions and decimals.	Subtracting Mixed Numbers (2)
MA.5.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of addition and subtraction of non-negative fractions and decimals.	Writing a Number Sentence
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Add and Subtract Fractions
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Adding Decimals
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Adding Decimals in Columns
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Adding and Subtracting Mixed Numbers with Like Denominators
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Decimal Numbers
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Division of Decimals
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Fractions
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Multiplication of Decimals
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Multiplying Decimal Numbers
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Multiplying and Dividing Fractions and Decimals

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MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Operations with Fractions
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Place Value and Remainders
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Practice Reading Symbols
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Subtracting Decimals
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Writing Decimal Numbers
MA.5.1.1.6.a	Add and subtract non-negative decimals and like-denominator fractions with denominators of 2, 3, 4, 5, 6, 8, 10, 12, and/or 15.	Writing a Number Sentence
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Add and Subtract Fractions
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Adding Decimals
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Adding Decimals in Columns
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Adding and Subtracting Mixed Numbers with Like Denominators
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Fractions
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Operations with Fractions
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Practice Reading Symbols
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Subtracting Decimals
MA.5.1.1.6.b	Find sums or differences of decimals or like-denominator fractions in given situations.	Writing a Number Sentence
MA.5.1.1.6.c	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.6.c	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Adding Decimals
MA.5.1.1.6.c	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Adding Decimals in Columns
MA.5.1.1.6.c	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Adding and Subtracting Mixed Numbers and Decimals

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MA.5.1.1.6.c	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Writing a Number Sentence
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Decimal Numbers
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Division of Decimals
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Multiplication of Decimals
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Multiplying Decimal Numbers
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Multiplying and Dividing Fractions and Decimals
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Place Value and Remainders
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Practice Reading Symbols
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Subtracting Decimals
MA.5.1.1.6.d	Calculate difference of numbers with decimals to thousandths.	Writing Decimal Numbers
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Dividing Fractions with Whole Numbers
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Division with Your Calculator
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Estimation
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Estimation of Multiplication Problems
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Multiplication Properties
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Multiplication and Short Division
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Multiplication with Your Calculator
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Multiply and Divide Decimals with Your Calculator
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review

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MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Division of Whole Numbers
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Estimation and Rounding
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Review: Properties of Addition and Multiplication
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Rounding Numbers
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Rounding to 1,000's
MA.5.1.1.7.a	Select and use appropriate tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Solving Multiplication Problems (1)
MA.5.1.1.7.b	Explain why a selected strategy or tool is more efficient or more appropriate than another strategy or tool for a situation.	Reducing Fractions
MA.5.1.1.7.b	Explain why a selected strategy or tool is more efficient or more appropriate than another strategy or tool for a situation.	Simplifying a Fraction
MA.5.1.1.7.b	Explain why a selected strategy or tool is more efficient or more appropriate than another strategy or tool for a situation.	Subtracting by Finding Common Denominators
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Add and Subtract Fractions
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Adding Decimals
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Adding and Subtracting Mixed Numbers with Like Denominators
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Fractions
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Operations with Fractions
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Practice Reading Symbols
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Review
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Review: Division of Whole Numbers
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Review: Multiplication of Whole Numbers
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Solving Multiplication Problems (1)
MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Subtracting Decimals

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MA.5.1.1.7.c	Describe strategies for mentally adding or subtracting non-negative decimals and/or like-denominator fractions.	Writing a Number Sentence
MA.5.1.1.8.a	Explain when an estimation or exact answer is or is not appropriate.	Estimation
MA.5.1.1.8.a	Explain when an estimation or exact answer is or is not appropriate.	Estimation of Multiplication Problems
MA.5.1.1.8.a	Explain when an estimation or exact answer is or is not appropriate.	Review: Estimation and Rounding
MA.5.1.1.8.b	Use a variety of estimation strategies to predict an answer prior to computation	Estimation
MA.5.1.1.8.b	Use a variety of estimation strategies to predict an answer prior to computation	Estimation
MA.5.1.1.8.b	Use a variety of estimation strategies to predict an answer prior to computation	Estimation and Prediction
MA.5.1.1.8.b	Use a variety of estimation strategies to predict an answer prior to computation	Review: Estimation and Rounding
MA.5.1.1.8.b	Use a variety of estimation strategies to predict an answer prior to computation	Rounding Numbers
MA.5.1.1.8.b	Use a variety of estimation strategies to predict an answer prior to computation	Rounding to 1,000's
MA.5.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	Estimation of Multiplication Problems
MA.5.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Dividing Fractions with Whole Numbers
MA.5.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Estimation of Multiplication Problems
MA.5.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Review: Properties of Addition and Multiplication
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Dividing Fractions with Whole Numbers
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Estimation
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Estimation of Multiplication Problems
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Fractions
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Practice Reading Symbols
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Review: Estimation and Rounding
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Review: Properties of Addition and Multiplication
MA.5.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Writing a Number Sentence
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Add and Subtract Decimals with Your Calculator
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Add and Subtract Fractions
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Adding Decimals

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MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Adding Decimals in Columns
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Adding and Subtracting Mixed Numbers with Like Denominators
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Estimation
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Estimation
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Fractions
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Operations with Fractions
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Practice Reading Symbols
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Rounding Numbers
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Rounding to 1,000's
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Subtracting Decimals
MA.5.1.1.8.f	Explain or describe a strategy used for estimation involving addition and subtraction of non-negative decimals and like-denominator fractions.	Writing a Number Sentence
MA.5.1.2.1.a	Identify or describe angles in pictures, diagrams, illustrations and in the environment.	Angles and Real-Life Shapes
MA.5.1.2.1.b	Sort, classify, and label angles as equal to, less than, or greater than 90°.	Angles and Real-Life Shapes
MA.5.1.2.1.b	Sort, classify, and label angles as equal to, less than, or greater than 90°.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.2.1.b	Sort, classify, and label angles as equal to, less than, or greater than 90°.	Protractor Measurement
MA.5.1.2.1.c	Describe angles in shapes and figures as equal to, less than, or greater than 90°.	Angles and Real-Life Shapes
MA.5.1.2.1.c	Describe angles in shapes and figures as equal to, less than, or greater than 90°.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.2.1.c	Describe angles in shapes and figures as equal to, less than, or greater than 90°.	Protractor Measurement
MA.5.1.2.1.d	Explain and provide examples of how angles are formed.	Angles and Real-Life Shapes
MA.5.1.2.1.d	Explain and provide examples of how angles are formed.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.2.1.d	Explain and provide examples of how angles are formed.	Reducing Fractions

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MA.5.1.2.1.d	Explain and provide examples of how angles are formed.	Simplifying a Fraction
MA.5.1.2.1.d	Explain and provide examples of how angles are formed.	Subtracting by Finding Common Denominators
MA.5.1.2.2.b	Describe an angle in relation to a 90° angle.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.2.2.b	Describe an angle in relation to a 90° angle.	Protractor Measurement
MA.5.1.2.2.c	Sort, classify, and label angles as approximately 30°, 45°, 60°, 90°, or 180°.	Protractor Measurement
MA.5.1.2.2.d	Draw angles with approximate measures of 30°, 45°, 60°, 90°, and 180°.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.2.2.d	Draw angles with approximate measures of 30°, 45°, 60°, 90°, and 180°.	Protractor Measurement
MA.5.1.2.2.e	Identify or describe angles with approximate measures of 30°, 45°, 60°, 90°, or 180° with or without a protractor.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.2.2.e	Identify or describe angles with approximate measures of 30°, 45°, 60°, 90°, or 180° with or without a protractor.	Protractor Measurement
MA.5.1.2.3.b	Explain or show the relationship between units in the metric system for capacity, mass, or length.	Measurement of Time
MA.5.1.2.3.c.1	Length - millimeter, centimeter, meter, kilometer	Measurement of Time
MA.5.1.2.3.c.1	Length - millimeter, centimeter, meter, kilometer	Metric System
MA.5.1.2.3.c.2	Capacity - milliliter, liter	Measurement of Time
MA.5.1.2.3.c.2	Capacity - milliliter, liter	Metric System
MA.5.1.2.3.c.3	Mass - gram, kilogram	Measurement of Time
MA.5.1.2.3.c.3	Mass - gram, kilogram	Metric System
MA.5.1.2.4.a.5	Report or record the number of units and a label.	Measuring with the Metric System
MA.5.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, perimeter, and/or area.	Area of Squares and Rectangles
MA.5.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, perimeter, and/or area.	Perimeter of Polygons
MA.5.1.2.4.c	Demonstrate a procedure for measuring the area of a rectangle or right triangle.	Area of Squares and Rectangles
MA.5.1.2.4.c	Demonstrate a procedure for measuring the area of a rectangle or right triangle.	Reducing Fractions
MA.5.1.2.4.c	Demonstrate a procedure for measuring the area of a rectangle or right triangle.	Simplifying a Fraction
MA.5.1.2.4.c	Demonstrate a procedure for measuring the area of a rectangle or right triangle.	Subtracting by Finding Common Denominators
MA.5.1.2.4.d	Use procedures to measure length, perimeter, and/or area.	Area of Squares and Rectangles
MA.5.1.2.4.d	Use procedures to measure length, perimeter, and/or area.	Perimeter of Polygons
MA.5.1.2.4.e	Measure the area in figures composed of rectangles and triangles.	Area of Squares and Rectangles
MA.5.1.2.4.f	Determine whether an area measurement has been done correctly.	Area of Squares and Rectangles
MA.5.1.2.5.a	Explain how to find the perimeter or area of any rectangle using a rule.	Area of Squares and Rectangles
MA.5.1.2.5.a	Explain how to find the perimeter or area of any rectangle using a rule.	Perimeter of Polygons
MA.5.1.2.5.a	Explain how to find the perimeter or area of any rectangle using a rule.	Reducing Fractions
MA.5.1.2.5.a	Explain how to find the perimeter or area of any rectangle using a rule.	Simplifying a Fraction
MA.5.1.2.5.a	Explain how to find the perimeter or area of any rectangle using a rule.	Subtracting by Finding Common Denominators

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MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Area of Polygons
MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Area of Squares and Rectangles
MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Formulas
MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Perimeter of Polygons
MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Reducing Fractions
MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Review: Formulas
MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Simplifying a Fraction
MA.5.1.2.5.b	Explain and use formulas to calculate the perimeter or area of a rectangle and labels units.	Subtracting by Finding Common Denominators
MA.5.1.2.5.c	Explain and use a formula to determine or calculate the area of a right triangle and labels units.	Area of Polygons
MA.5.1.2.5.c	Explain and use a formula to determine or calculate the area of a right triangle and labels units.	Formulas
MA.5.1.2.5.c	Explain and use a formula to determine or calculate the area of a right triangle and labels units.	Reducing Fractions
MA.5.1.2.5.c	Explain and use a formula to determine or calculate the area of a right triangle and labels units.	Review: Formulas
MA.5.1.2.5.c	Explain and use a formula to determine or calculate the area of a right triangle and labels units.	Simplifying a Fraction
MA.5.1.2.5.c	Explain and use a formula to determine or calculate the area of a right triangle and labels units.	Subtracting by Finding Common Denominators
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Area of Squares and Rectangles
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Division of Decimals
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Expanded Numbers
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Multiplication of Decimals
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Multiplying Decimal Numbers
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Perimeter of Polygons
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Place Value and Remainders
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Review: Writing Large Numbers
MA.5.1.2.5.d	Determine and label right triangles and all rectangles with whole number dimensions and a given perimeter or area.	Triangles
MA.5.1.2.5.e	Explain why formulas are used to find area and/or perimeter.	Area of Polygons
MA.5.1.2.5.e	Explain why formulas are used to find area and/or perimeter.	Formulas
MA.5.1.2.5.e	Explain why formulas are used to find area and/or perimeter.	Perimeter of Polygons
MA.5.1.2.5.e	Explain why formulas are used to find area and/or perimeter.	Reducing Fractions

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MA.5.1.2.5.e	Explain why formulas are used to find area and/or perimeter.	Review: Formulas
MA.5.1.2.5.e	Explain why formulas are used to find area and/or perimeter.	Simplifying a Fraction
MA.5.1.2.5.e	Explain why formulas are used to find area and/or perimeter.	Subtracting by Finding Common Denominators
MA.5.1.2.6.a	Describe situations in which estimated measurements are appropriate.	Estimation
MA.5.1.2.6.a	Describe situations in which estimated measurements are appropriate.	Review: Estimation and Rounding
MA.5.1.2.6.b	Estimate and label areas of rectangles and right triangles.	Area of Squares and Rectangles
MA.5.1.2.6.b	Estimate and label areas of rectangles and right triangles.	Triangles
MA.5.1.2.6.c	Explain an appropriate process for estimating perimeter or area of a rectangle or right triangle or an angle measurement.	Area of Squares and Rectangles
MA.5.1.2.6.c	Explain an appropriate process for estimating perimeter or area of a rectangle or right triangle or an angle measurement.	Perimeter of Polygons
MA.5.1.2.6.c	Explain an appropriate process for estimating perimeter or area of a rectangle or right triangle or an angle measurement.	Protractor Measurement
MA.5.1.2.6.c	Explain an appropriate process for estimating perimeter or area of a rectangle or right triangle or an angle measurement.	Reducing Fractions
MA.5.1.2.6.c	Explain an appropriate process for estimating perimeter or area of a rectangle or right triangle or an angle measurement.	Simplifying a Fraction
MA.5.1.2.6.c	Explain an appropriate process for estimating perimeter or area of a rectangle or right triangle or an angle measurement.	Subtracting by Finding Common Denominators
MA.5.1.2.6.d	Use estimation to determine reasonableness of an angle or area measurement.	Protractor Measurement
MA.5.1.2.6.e	Determine whether an angle is closest to 30°, 45°, 60°, 90°, or 180°.	Protractor Measurement
MA.5.1.2.6.f	Draw angles with measurements that are approximately 30°, 45°, 60°, 90°, or 180°.	Protractor Measurement
MA.5.1.3.1.a	Explain the difference between a regular and irregular polygon.	Review
MA.5.1.3.1.b	Describe a 2-dimensional shape and/or figure using properties including number of sides, number of vertices, and types of angles.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.3.1.b	Describe a 2-dimensional shape and/or figure using properties including number of sides, number of vertices, and types of angles.	Shapes
MA.5.1.3.1.c	Draw a simple 2-dimensional shape and/or figure having given characteristics including number of sides, number of vertices, types of angle(s), and/or congruence.	Figures
MA.5.1.3.1.d	Use and/or explain mathematical conventions used to label vertices, line segments, and angles.	Angles and Real-Life Shapes
MA.5.1.3.1.d	Use and/or explain mathematical conventions used to label vertices, line segments, and angles.	Lines
MA.5.1.3.1.d	Use and/or explain mathematical conventions used to label vertices, line segments, and angles.	Practice: Lines, Angles, Shapes, and Ratios

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MA.5.1.3.1.d	Use and/or explain mathematical conventions used to label vertices, line segments, and angles.	Review
MA.5.1.3.2.a	Describe parallel and perpendicular lines and/or lines of symmetry.	Figures
MA.5.1.3.2.a	Describe parallel and perpendicular lines and/or lines of symmetry.	Lines
MA.5.1.3.2.a	Describe parallel and perpendicular lines and/or lines of symmetry.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.3.2.a	Describe parallel and perpendicular lines and/or lines of symmetry.	Review
MA.5.1.3.2.b	Draw, describe, and/or label a figure or design that includes a given set of properties including parallel or perpendicular lines and/or line of symmetry.	Figures
MA.5.1.3.2.b	Draw, describe, and/or label a figure or design that includes a given set of properties including parallel or perpendicular lines and/or line of symmetry.	Lines
MA.5.1.3.2.b	Draw, describe, and/or label a figure or design that includes a given set of properties including parallel or perpendicular lines and/or line of symmetry.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.3.2.b	Draw, describe, and/or label a figure or design that includes a given set of properties including parallel or perpendicular lines and/or line of symmetry.	Review
MA.5.1.3.2.c	Draw, describe, and/or label angles, quadrilaterals, parallel and/or perpendicular lines, lines of symmetry, and congruent 2-dimensional shapes or figures.	Angles and Real-Life Shapes
MA.5.1.3.2.c	Draw, describe, and/or label angles, quadrilaterals, parallel and/or perpendicular lines, lines of symmetry, and congruent 2-dimensional shapes or figures.	Figures
MA.5.1.3.2.c	Draw, describe, and/or label angles, quadrilaterals, parallel and/or perpendicular lines, lines of symmetry, and congruent 2-dimensional shapes or figures.	Lines
MA.5.1.3.2.c	Draw, describe, and/or label angles, quadrilaterals, parallel and/or perpendicular lines, lines of symmetry, and congruent 2-dimensional shapes or figures.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.3.2.c	Draw, describe, and/or label angles, quadrilaterals, parallel and/or perpendicular lines, lines of symmetry, and congruent 2-dimensional shapes or figures.	Review
MA.5.1.3.2.c	Draw, describe, and/or label angles, quadrilaterals, parallel and/or perpendicular lines, lines of symmetry, and congruent 2-dimensional shapes or figures.	Solids
MA.5.1.3.2.d	Sort, classify, and label shapes and figures using the properties of parallel lines, perpendicular lines, and lines of symmetry.	Figures
MA.5.1.3.2.d	Sort, classify, and label shapes and figures using the properties of parallel lines, perpendicular lines, and lines of symmetry.	Lines
MA.5.1.3.2.d	Sort, classify, and label shapes and figures using the properties of parallel lines, perpendicular lines, and lines of symmetry.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.3.2.d	Sort, classify, and label shapes and figures using the properties of parallel lines, perpendicular lines, and lines of symmetry.	Review
MA.5.1.3.2.e	Complete a picture or design using a line of symmetry.	Figures

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MA.5.1.3.2.f	Complete pictures or designs from a variety of cultures that incorporate parallel line(s), perpendicular line(s), and/or a line(s) of symmetry.	Figures
MA.5.1.3.2.f	Complete pictures or designs from a variety of cultures that incorporate parallel line(s), perpendicular line(s), and/or a line(s) of symmetry.	Lines
MA.5.1.3.2.f	Complete pictures or designs from a variety of cultures that incorporate parallel line(s), perpendicular line(s), and/or a line(s) of symmetry.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.1.3.2.f	Complete pictures or designs from a variety of cultures that incorporate parallel line(s), perpendicular line(s), and/or a line(s) of symmetry.	Review
MA.5.1.3.3.b	Describe the relative position of fractions and/or decimals on a positive number line.	Decimal Numbers
MA.5.1.3.3.b	Describe the relative position of fractions and/or decimals on a positive number line.	Division of Decimals
MA.5.1.3.3.b	Describe the relative position of fractions and/or decimals on a positive number line.	Multiplication of Decimals
MA.5.1.3.3.b	Describe the relative position of fractions and/or decimals on a positive number line.	Multiplying Decimal Numbers
MA.5.1.3.3.b	Describe the relative position of fractions and/or decimals on a positive number line.	Place Value and Remainders
MA.5.1.3.3.b	Describe the relative position of fractions and/or decimals on a positive number line.	Writing Decimal Numbers
MA.5.1.3.3.c	Identify or move the coordinates of points on an incomplete number line involving fractional or decimal increments.	Decimal Numbers
MA.5.1.3.3.c	Identify or move the coordinates of points on an incomplete number line involving fractional or decimal increments.	Division of Decimals
MA.5.1.3.3.c	Identify or move the coordinates of points on an incomplete number line involving fractional or decimal increments.	Fractions
MA.5.1.3.3.c	Identify or move the coordinates of points on an incomplete number line involving fractional or decimal increments.	Multiplication of Decimals
MA.5.1.3.3.c	Identify or move the coordinates of points on an incomplete number line involving fractional or decimal increments.	Multiplying Decimal Numbers
MA.5.1.3.3.c	Identify or move the coordinates of points on an incomplete number line involving fractional or decimal increments.	Place Value and Remainders
MA.5.1.3.3.c	Identify or move the coordinates of points on an incomplete number line involving fractional or decimal increments.	Writing Decimal Numbers
MA.5.1.4.3.b	Explain how different data collection methods, including phone survey, internet search, and person-to-person survey, affect the data set for a given question.	Estimation and Prediction
MA.5.1.4.4.a	Explain how to determine the mean of a set of data and explain the significance of the mean.	Averaging Numbers
MA.5.1.4.4.a	Explain how to determine the mean of a set of data and explain the significance of the mean.	Coordinate Graphs
MA.5.1.4.4.a	Explain how to determine the mean of a set of data and explain the significance of the mean.	Review: Factors, Rounding, and Averages

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MA.5.1.4.4.b	Determine the mean of a given set of data using objects or pictures.	Averaging Numbers
MA.5.1.4.4.b	Determine the mean of a given set of data using objects or pictures.	Coordinate Graphs
MA.5.1.4.4.b	Determine the mean of a given set of data using objects or pictures.	Multiplication Properties
MA.5.1.4.4.b	Determine the mean of a given set of data using objects or pictures.	Review: Factors, Rounding, and Averages
MA.5.1.4.4.c	Determine and explain whether mean, median, or mode is the most appropriate measure of central tendency in a given situation.	Averaging Numbers
MA.5.1.4.4.c	Determine and explain whether mean, median, or mode is the most appropriate measure of central tendency in a given situation.	Review: Factors, Rounding, and Averages
MA.5.1.4.4.d	Explain why the mean, median, or mode may be greater than or less than the other measures for a given set of data.	Averaging Numbers
MA.5.1.4.4.d	Explain why the mean, median, or mode may be greater than or less than the other measures for a given set of data.	Comparing Numbers (2)
MA.5.1.4.4.d	Explain why the mean, median, or mode may be greater than or less than the other measures for a given set of data.	Coordinate Graphs
MA.5.1.4.4.d	Explain why the mean, median, or mode may be greater than or less than the other measures for a given set of data.	Practice Reading Symbols
MA.5.1.4.4.d	Explain why the mean, median, or mode may be greater than or less than the other measures for a given set of data.	Review: Factors, Rounding, and Averages
MA.5.1.4.4.e	Determine the mean for two samples from the same population and explain why they may not be the same.	Averaging Numbers
MA.5.1.4.4.e	Determine the mean for two samples from the same population and explain why they may not be the same.	Random Samples
MA.5.1.4.4.e	Determine the mean for two samples from the same population and explain why they may not be the same.	Review: Factors, Rounding, and Averages
MA.5.1.4.5.a	Read and interpret data from text and circle graphs in terms of patterns.	Problems Using Graphs
MA.5.1.4.5.b	Explain the completeness and accuracy of data presented in circle graphs.	Problems Using Graphs
MA.5.1.4.5.c	Explain whether line plots, pictographs, tables, charts, bar or circle graphs are more appropriate for a given set of data, particular situation, or purpose, or answers a question most effectively.	Graphs
MA.5.1.4.5.c	Explain whether line plots, pictographs, tables, charts, bar or circle graphs are more appropriate for a given set of data, particular situation, or purpose, or answers a question most effectively.	Problems Using Graphs
MA.5.1.4.5.d	Summarize data presented in a circle graph or text.	Problems Using Graphs
MA.5.1.5.1.a	Extend, describe, or create patterns of numbers using division based on a single operation between terms.	Finding Reciprocals
MA.5.1.5.2.b	Determine a rule for a pattern of alternating operations and explains the rule.	Finding Reciprocals
MA.5.1.5.2.c	Identify a rule for a pattern with two operations between terms.	Finding Reciprocals

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MA.5.1.5.2.d	Explain why a given rule with a single operation fits a given pattern.	Finding Reciprocals
MA.5.1.5.2.e	Describe or write a rule for a pattern based on a single operation.	Finding Reciprocals
MA.5.1.5.2.f	Explain why a given rule fits a pattern based on a single arithmetic operation in the rule.	Finding Reciprocals
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Circles
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Comparing Fractions
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Comparing Numbers (1)
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Decimal Numbers
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Division of Decimals
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Finding Common Denominators
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Fractions
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Fractions-Proper and Improper
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Multiplication of Decimals
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Multiplying Decimal Numbers
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Place Value and Remainders
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Reciprocals and Dividing Fractions
MA.5.1.5.3.a	Express relationships between like denominator fractions and decimal quantities using $<$, $>$, $=$, or "not equal to".	Writing Decimal Numbers
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Decimal Numbers
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Division of Decimals
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Finding Common Denominators
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Fractions
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Multiplication of Decimals
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Multiplying Decimal Numbers
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Place Value and Remainders

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MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Review: Writing Large Numbers
MA.5.1.5.3.b	Describe a situation represented by an equation or inequality involving like denominator fractions and/or decimals.	Writing Decimal Numbers
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Decimal Numbers
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Division of Decimals
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Finding Common Denominators
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Fractions
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Multiplication of Decimals
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Multiplying Decimal Numbers
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Place Value and Remainders
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Review: Writing Large Numbers
MA.5.1.5.3.c	Write a simple equation or inequality using non-negative decimals or like-denominator fractions to represent a given situation.	Writing Decimal Numbers
MA.5.1.5.4.a	Read expressions and equations involving variables.	Review: Writing Large Numbers
MA.5.1.5.4.b	Write an expression or equation using a variable to represent a given situation.	Review: Writing Large Numbers
MA.5.1.5.4.c	Describe a situation that represents a given expression or equation that includes a variable.	Review: Writing Large Numbers
MA.5.1.5.4.d	Explain the meaning of a variable in a formula, expression, or equation.	Review: Writing Large Numbers
MA.5.1.5.4.e	Write or illustrate expressions or equations using manipulatives, models, pictures, and symbols for given situations.	Comparing Numbers (2)
MA.5.1.5.4.e	Write or illustrate expressions or equations using manipulatives, models, pictures, and symbols for given situations.	Multiplication Properties
MA.5.1.5.4.e	Write or illustrate expressions or equations using manipulatives, models, pictures, and symbols for given situations.	Practice Reading Symbols
MA.5.1.5.4.e	Write or illustrate expressions or equations using manipulatives, models, pictures, and symbols for given situations.	Review: Writing Large Numbers
MA.5.1.5.5.a	Show and/or explain how to substitute a numeric value for a symbol in an expression.	Review: Writing Large Numbers

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MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Decimal Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Dividing Whole Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Dividing with Two Digits
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Division of Decimals
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Finding Common Denominators
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Fractions
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Long and Short Division (2)
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Multiplication of Decimals
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Multiply with Two-Digit Multipliers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Multiplying Decimal Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Multiplying Two-Digit Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Multiplying Whole Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Place Value and Remainders

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MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Review
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Review: Division of Whole Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Review: Multiplication of Whole Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Review: Writing Large Numbers
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Solving Multiplication Problems (1)
MA.5.1.5.5.b	Determine the value of simple expressions or formulas involving addition and subtraction of non-negative decimals and like denominator fractions and/or multiplication and division of whole numbers given the values of the variables.	Writing Decimal Numbers
MA.5.1.5.5.c	Write an expression with a variable to represent a situation and determine the value of the expression given a value for the variable.	Review: Writing Large Numbers
MA.5.1.5.6.a	Solve a one-step equation involving multiplication or division using manipulatives, pictures, and/or symbols.	Comparing Numbers (2)
MA.5.1.5.6.a	Solve a one-step equation involving multiplication or division using manipulatives, pictures, and/or symbols.	Division Problems
MA.5.1.5.6.a	Solve a one-step equation involving multiplication or division using manipulatives, pictures, and/or symbols.	Introduction to Short Division
MA.5.1.5.6.a	Solve a one-step equation involving multiplication or division using manipulatives, pictures, and/or symbols.	Long and Short Division (1)
MA.5.1.5.6.a	Solve a one-step equation involving multiplication or division using manipulatives, pictures, and/or symbols.	Multiplication Properties
MA.5.1.5.6.a	Solve a one-step equation involving multiplication or division using manipulatives, pictures, and/or symbols.	Practice Reading Symbols
MA.5.1.5.6.b	Write and solve an equation in a given situation.	Review: Writing Large Numbers
MA.5.2.1.1.b	Define or clarify the question the problem presents.	Families of Facts
MA.5.2.1.1.b	Define or clarify the question the problem presents.	Multiplication Properties
MA.5.2.1.1.b	Define or clarify the question the problem presents.	Ratios
MA.5.2.1.1.c	Generate questions that would need to be answered in order to solve the problem.	Families of Facts
MA.5.2.1.1.c	Generate questions that would need to be answered in order to solve the problem.	Multiplication Properties
MA.5.2.1.1.c	Generate questions that would need to be answered in order to solve the problem.	Ratios
MA.5.2.1.2.a	Determine what missing information is needed to solve the problem.	Families of Facts
MA.5.2.1.2.a	Determine what missing information is needed to solve the problem.	Multiplication Properties

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MA.5.2.1.2.a	Determine what missing information is needed to solve the problem.	Ratios
MA.5.2.1.2.b	Differentiate between information that is necessary or extraneous.	Families of Facts
MA.5.2.1.2.b	Differentiate between information that is necessary or extraneous.	Multiplication Properties
MA.5.2.1.2.b	Differentiate between information that is necessary or extraneous.	Ratios
MA.5.2.2.1.a	Select and use relevant data or information from the problem.	Families of Facts
MA.5.2.2.1.a	Select and use relevant data or information from the problem.	Multiplication Properties
MA.5.2.2.1.a	Select and use relevant data or information from the problem.	Ratios
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Add and Subtract Decimals with Your Calculator
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Division with Your Calculator
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Families of Facts
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Multiplication Properties
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Multiplication and Short Division
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Multiplication with Your Calculator
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Multiply and Divide Decimals with Your Calculator
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Ratios
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Rounding Numbers
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Rounding to 1,000's
MA.5.2.2.3.a	Select and use tools such as rulers, manipulatives, calculators, and technology to construct a solution.	Whole Numbers and Your Calculator
MA.5.2.2.3.b	Select and apply a variety of strategies and approaches to construct a solution.	Families of Facts
MA.5.2.2.3.b	Select and apply a variety of strategies and approaches to construct a solution.	Multiplication Properties
MA.5.2.2.3.b	Select and apply a variety of strategies and approaches to construct a solution.	Ratios
MA.5.2.2.3.c	Determine when an approach is unproductive and modify or try a new approach.	Families of Facts
MA.5.2.2.3.c	Determine when an approach is unproductive and modify or try a new approach.	Multiplication Properties
MA.5.2.2.3.c	Determine when an approach is unproductive and modify or try a new approach.	Ratios
MA.5.2.2.4.b	Determine whether the solution is reasonable for the situation.	Families of Facts
MA.5.2.2.4.b	Determine whether the solution is reasonable for the situation.	Multiplication Properties
MA.5.2.2.4.b	Determine whether the solution is reasonable for the situation.	Ratios

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MA.5.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Estimation of Multiplication Problems
MA.5.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Families of Facts
MA.5.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Multiplication Properties
MA.5.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Ratios
MA.5.2.2.4.d	Check to be certain the solution answers the question.	Families of Facts
MA.5.2.2.4.d	Check to be certain the solution answers the question.	Multiplication Properties
MA.5.2.2.4.d	Check to be certain the solution answers the question.	Ratios
MA.5.3.2.2.a	Check the viability and appropriate use of selected procedures in a given situation.	Families of Facts
MA.5.3.2.2.a	Check the viability and appropriate use of selected procedures in a given situation.	Multiplication Properties
MA.5.3.2.2.a	Check the viability and appropriate use of selected procedures in a given situation.	Ratios
MA.5.3.2.2.b	Evaluate procedures and/or results based on a given situation.	Families of Facts
MA.5.3.2.2.b	Evaluate procedures and/or results based on a given situation.	Multiplication Properties
MA.5.3.2.2.b	Evaluate procedures and/or results based on a given situation.	Ratios
MA.5.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, and relationships.	Families of Facts
MA.5.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, and relationships.	Multiplication Properties
MA.5.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, and relationships.	Ratios
MA.5.3.3.2.a	Check for reasonableness of results in a given situation.	Families of Facts
MA.5.3.3.2.a	Check for reasonableness of results in a given situation.	Multiplication Properties
MA.5.3.3.2.a	Check for reasonableness of results in a given situation.	Ratios
MA.5.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Circles
MA.5.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Reciprocals and Dividing Fractions
MA.5.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Solids
MA.5.4.1.1.b	Develop a plan, not a survey, for collecting mathematical information, including what information is needed and where and how to find the information.	Estimation and Prediction
MA.5.4.1.1.c	List or describe the general procedure or order of steps of a plan to gather exactly the mathematical information sought with no irrelevant information.	Reducing Fractions
MA.5.4.1.1.c	List or describe the general procedure or order of steps of a plan to gather exactly the mathematical information sought with no irrelevant information.	Simplifying a Fraction
MA.5.4.1.1.c	List or describe the general procedure or order of steps of a plan to gather exactly the mathematical information sought with no irrelevant information.	Subtracting by Finding Common Denominators

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MA.5.4.1.1.d	Follow a plan, not a survey, to collect mathematical information for a given audience and purpose.	Estimation and Prediction
MA.5.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, bar graphs, line plots, pictographs, circle graphs, and/or models for a purpose.	Comparing Numbers (2)
MA.5.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, bar graphs, line plots, pictographs, circle graphs, and/or models for a purpose.	Expanded Numbers
MA.5.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, bar graphs, line plots, pictographs, circle graphs, and/or models for a purpose.	Graphs
MA.5.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, bar graphs, line plots, pictographs, circle graphs, and/or models for a purpose.	Practice Reading Symbols
MA.5.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, bar graphs, line plots, pictographs, circle graphs, and/or models for a purpose.	Problems Using Graphs
MA.5.4.2.2.a	Represent mathematical information using tables, charts, pictographs, bar graphs, line plots, circle graphs, pictures, models, drawings, or other forms including titles, labels, appropriate and consistent scales, and accurate display of data.	Graphs
MA.5.4.2.2.a	Represent mathematical information using tables, charts, pictographs, bar graphs, line plots, circle graphs, pictures, models, drawings, or other forms including titles, labels, appropriate and consistent scales, and accurate display of data.	Problems Using Graphs
MA.5.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Families of Facts
MA.5.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Multiplication Properties
MA.5.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Ratios
MA.5.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Expanded Numbers
MA.5.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Practice Reading Symbols
MA.5.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Word Problems
MA.5.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Writing a Number Sentence
Subject:	Mathematics	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Grade 3	

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Grade:	Grade 4	
Grade:	Grade 5	
Section	Description	Lesson Title
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Decimals
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Dividing with Two Digits
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Division Problems
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Long Division with Two Digits
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Operations
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Place Value
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Place Value and Large Numbers
MA.5.5.1.A	Represent multi-digit division using place value models and connect the representation to the related equation.	Review: Place Value
MA.5.5.1.B	Determine quotients for multiples of 10 and 100 by applying knowledge of place value and properties of operations.	Decimals
MA.5.5.1.B	Determine quotients for multiples of 10 and 100 by applying knowledge of place value and properties of operations.	Finding Reciprocals
MA.5.5.1.B	Determine quotients for multiples of 10 and 100 by applying knowledge of place value and properties of operations.	Operations
MA.5.5.1.B	Determine quotients for multiples of 10 and 100 by applying knowledge of place value and properties of operations.	Place Value
MA.5.5.1.B	Determine quotients for multiples of 10 and 100 by applying knowledge of place value and properties of operations.	Place Value and Large Numbers
MA.5.5.1.B	Determine quotients for multiples of 10 and 100 by applying knowledge of place value and properties of operations.	Review: Place Value
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Dividing Whole Numbers
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Dividing with Two Digits
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Division Problems
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Drill: Divide
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Long Division with Two Digits

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MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Long and Short Division (1)
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Long and Short Division (2)
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Multiplication and Short Division
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Review (1)
MA.5.5.1.C	Fluently and accurately divide up to a fourdigit number by one- or two-digit divisors using the standard long-division algorithm.	Review: Division of Whole Numbers
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Dividing Whole Numbers
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Dividing with Two Digits
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Division Problems
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Estimation
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Estimation of Multiplication Problems
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Long Division with Two Digits
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Long and Short Division (1)
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Long and Short Division (2)
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Multiplication and Short Division
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Review: Division of Whole Numbers
MA.5.5.1.D	Estimate quotients to approximate solutions and determine reasonableness of answers in problems involving up to two-digit divisors.	Review: Estimation and Rounding
MA.5.5.1.E	Mentally divide two-digit numbers by one-digit divisors and explain the strategies used.	Drill: Divide
MA.5.5.1.E	Mentally divide two-digit numbers by one-digit divisors and explain the strategies used.	Review (1)
MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Division Problems

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MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Introduction to Short Division
MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Long and Short Division (1)
MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Long and Short Division (2)
MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Practice Reading Symbols
MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Review: Multiplication of Whole Numbers
MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Word Problems
MA.5.5.1.F	Solve single- and multi-step word problems involving multi-digit division and verify the solutions.	Writing a Number Sentence
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Adding and Subtracting Mixed Numbers with Unlike Denominators
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Adding and Subtracting with Unlike Denominators (1)
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Adding and Subtracting with Unlike Denominators (2)
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Dividing Fractions with Mixed Numbers
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Finding Common Denominators
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Multiplication Properties
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Subtract Mixed Numbers
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Subtracting Mixed Numbers (1)
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Subtracting Mixed Numbers (2)
MA.5.5.2.A	Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.	Subtracting by Finding Common Denominators
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Add and Subtract Decimals with Your Calculator
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Adding Decimals
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Adding Decimals in Columns

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MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Decimals
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Place Value
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Place Value and Large Numbers
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Practice Reading Symbols
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Review: Place Value
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Subtracting Decimals
MA.5.5.2.B	Represent addition and subtraction of decimals using place value models and connect the representation to the related equation.	Writing a Number Sentence
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Adding and Subtracting Mixed Numbers with Unlike Denominators
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Adding and Subtracting with Unlike Denominators (1)
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Adding and Subtracting with Unlike Denominators (2)
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Converting Fractions and Decimals
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Equivalent Fractions
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Finding Common Denominators
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Fractions
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Fractions-Proper and Improper
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Subtract Mixed Numbers
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Subtracting Mixed Numbers (1)
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Test for Equivalent Fractions
MA.5.5.2.C	Given two fractions with unlike denominators, rewrite the fractions with a common denominator.	Writing Decimals Two Ways
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Division of Decimals
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Expanded Numbers
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Factor Boxes

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MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Factors and Multiples
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Multiplication of Decimals
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Multiplying Decimal Numbers
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Place Value and Large Numbers
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Place Value and Remainders
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Prime Factors
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Review: Place Value
MA.5.5.2.D	Determine the greatest common factor and the least common multiple of two or more whole numbers.	Review: Writing Large Numbers
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Adding and Subtracting Mixed Numbers with Unlike Denominators
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Adding and Subtracting with Unlike Denominators (1)
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Adding and Subtracting with Unlike Denominators (2)
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Dividing Fractions with Mixed Numbers
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Finding Common Denominators
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Subtract Mixed Numbers
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Subtracting Mixed Numbers (1)
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Subtracting Mixed Numbers (2)
MA.5.5.2.E	Fluently and accurately add and subtract fractions, including mixed numbers.	Subtracting by Finding Common Denominators
MA.5.5.2.F	Fluently and accurately add and subtract decimals.	Add and Subtract Decimals with Your Calculator
MA.5.5.2.F	Fluently and accurately add and subtract decimals.	Adding Decimals
MA.5.5.2.F	Fluently and accurately add and subtract decimals.	Adding Decimals in Columns
MA.5.5.2.F	Fluently and accurately add and subtract decimals.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.5.2.F	Fluently and accurately add and subtract decimals.	Practice Reading Symbols
MA.5.5.2.F	Fluently and accurately add and subtract decimals.	Subtracting Decimals
MA.5.5.2.F	Fluently and accurately add and subtract decimals.	Writing a Number Sentence
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Add and Subtract Decimals with Your Calculator
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Adding Decimals
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Adding Decimals in Columns

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MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Adding and Subtracting Mixed Numbers with Unlike Denominators
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Adding and Subtracting with Unlike Denominators (1)
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Adding and Subtracting with Unlike Denominators (2)
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Dividing Fractions with Mixed Numbers
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Estimation
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Estimation
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Estimation of Multiplication Problems
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Finding Common Denominators
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Practice Reading Symbols
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Review: Estimation and Rounding
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Subtract Mixed Numbers
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Subtracting Decimals
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Subtracting Mixed Numbers (1)
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Subtracting Mixed Numbers (2)
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Subtracting by Finding Common Denominators
MA.5.5.2.G	Estimate sums and differences of fractions, mixed numbers, and decimals to approximate solutions to problems and determine reasonableness of answers.	Writing a Number Sentence

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MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Add and Subtract Decimals with Your Calculator
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Adding Decimals
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Adding Decimals in Columns
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Adding and Subtracting Mixed Numbers and Decimals
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Adding and Subtracting Mixed Numbers with Unlike Denominators
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Adding and Subtracting with Unlike Denominators (1)
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Adding and Subtracting with Unlike Denominators (2)
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Dividing Fractions with Mixed Numbers
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Finding Common Denominators
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Practice Reading Symbols
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Subtract Mixed Numbers
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Subtracting Decimals
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Subtracting Mixed Numbers (1)

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MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Subtracting Mixed Numbers (2)
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Subtracting by Finding Common Denominators
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Word Problems
MA.5.5.2.H	Solve single- and multi-step word problems involving addition and subtraction of whole numbers, fractions (including mixed numbers), and decimals, and verify the solutions.	Writing a Number Sentence
MA.5.5.3.B	Identify, sketch, and measure acute, right, and obtuse angles.	Lines
MA.5.5.3.B	Identify, sketch, and measure acute, right, and obtuse angles.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.5.3.B	Identify, sketch, and measure acute, right, and obtuse angles.	Protractor Measurement
MA.5.5.3.B	Identify, sketch, and measure acute, right, and obtuse angles.	Shapes
MA.5.5.3.C	Identify, describe, and classify triangles by angle measure and number of congruent sides.	Lines
MA.5.5.3.C	Identify, describe, and classify triangles by angle measure and number of congruent sides.	Protractor Measurement
MA.5.5.3.C	Identify, describe, and classify triangles by angle measure and number of congruent sides.	Shapes
MA.5.5.3.C	Identify, describe, and classify triangles by angle measure and number of congruent sides.	Triangles
MA.5.5.3.D	Determine the formula for the area of a parallelogram by relating it to the area of a rectangle.	Area of Polygons
MA.5.5.3.D	Determine the formula for the area of a parallelogram by relating it to the area of a rectangle.	Area of Squares and Rectangles
MA.5.5.3.D	Determine the formula for the area of a parallelogram by relating it to the area of a rectangle.	Formulas
MA.5.5.3.D	Determine the formula for the area of a parallelogram by relating it to the area of a rectangle.	Review: Formulas
MA.5.5.3.E	Determine the formula for the area of a triangle by relating it to the area of a parallelogram.	Area of Polygons
MA.5.5.3.E	Determine the formula for the area of a triangle by relating it to the area of a parallelogram.	Formulas
MA.5.5.3.E	Determine the formula for the area of a triangle by relating it to the area of a parallelogram.	Review: Formulas
MA.5.5.3.F	Determine the perimeters and areas of triangles and parallelograms.	Area of Polygons
MA.5.5.3.F	Determine the perimeters and areas of triangles and parallelograms.	Area of Squares and Rectangles
MA.5.5.3.F	Determine the perimeters and areas of triangles and parallelograms.	Perimeter of Polygons
MA.5.5.3.G	Draw quadrilaterals and triangles from given information about sides and angles.	Angles and Real-Life Shapes

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MA.5.5.3.G	Draw quadrilaterals and triangles from given information about sides and angles.	Lines
MA.5.5.3.G	Draw quadrilaterals and triangles from given information about sides and angles.	Practice: Lines, Angles, Shapes, and Ratios
MA.5.5.3.H	Determine the number and location of lines of symmetry in triangles and quadrilaterals.	Figures
MA.5.5.3.I	Solve single- and multi-step word problems about the perimeters and areas of quadrilaterals and triangles and verify the solutions.	Area of Polygons
MA.5.5.3.I	Solve single- and multi-step word problems about the perimeters and areas of quadrilaterals and triangles and verify the solutions.	Area of Squares and Rectangles
MA.5.5.3.I	Solve single- and multi-step word problems about the perimeters and areas of quadrilaterals and triangles and verify the solutions.	Perimeter of Polygons
MA.5.5.3.I	Solve single- and multi-step word problems about the perimeters and areas of quadrilaterals and triangles and verify the solutions.	Practice Reading Symbols
MA.5.5.3.I	Solve single- and multi-step word problems about the perimeters and areas of quadrilaterals and triangles and verify the solutions.	Word Problems
MA.5.5.3.I	Solve single- and multi-step word problems about the perimeters and areas of quadrilaterals and triangles and verify the solutions.	Writing a Number Sentence
MA.5.5.4.A	Describe and create a rule for numerical and geometric patterns and extend the patterns.	Review: Missing Number Equations
MA.5.5.4.B	Write a rule to describe the relationship between two sets of data that are linearly related.	Coordinate Graphs
MA.5.5.4.C	Write algebraic expressions that represent simple situations and evaluate the expressions, using substitution when variables are involved.	Review: Writing Large Numbers
MA.5.5.5.A	Classify numbers as prime or composite.	Factor Boxes
MA.5.5.5.A	Classify numbers as prime or composite.	Prime Factors
MA.5.5.5.A	Classify numbers as prime or composite.	Review
MA.5.5.5.A	Classify numbers as prime or composite.	Working with Numbers
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Averaging Numbers
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Coordinate Graphs
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Division of Decimals
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Expanded Numbers
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Multiplication of Decimals
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Multiplying Decimal Numbers
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Place Value and Large Numbers
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Place Value and Remainders
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Review: Factors, Rounding, and Averages

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MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Review: Place Value
MA.5.5.5.B	Determine and interpret the mean of a small data set of whole numbers.	Review: Writing Large Numbers
MA.5.5.5.C	Construct and interpret line graphs.	Graphs
MA.5.5.5.C	Construct and interpret line graphs.	Problems Using Graphs
MA.5.5.6.A	Determine the question(s) to be answered given a problem situation.	Families of Facts
MA.5.5.6.A	Determine the question(s) to be answered given a problem situation.	Multiplication Properties
MA.5.5.6.A	Determine the question(s) to be answered given a problem situation.	Ratios
MA.5.5.6.B	Identify information that is given in a problem and decide whether it is essential or extraneous to the solution of the problem.	Families of Facts
MA.5.5.6.B	Identify information that is given in a problem and decide whether it is essential or extraneous to the solution of the problem.	Multiplication Properties
MA.5.5.6.B	Identify information that is given in a problem and decide whether it is essential or extraneous to the solution of the problem.	Ratios
MA.5.5.6.C	Determine whether additional information is needed to solve the problem.	Families of Facts
MA.5.5.6.C	Determine whether additional information is needed to solve the problem.	Multiplication Properties
MA.5.5.6.C	Determine whether additional information is needed to solve the problem.	Ratios
MA.5.5.6.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Families of Facts
MA.5.5.6.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Multiplication Properties
MA.5.5.6.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Multiplying Three-Digit Numbers
MA.5.5.6.D	Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.	Ratios
MA.5.5.6.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Comparing Numbers (2)
MA.5.5.6.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Fractions
MA.5.5.6.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Practice Reading Symbols
MA.5.5.6.F	Represent a problem situation using words, numbers, pictures, physical objects, or symbols.	Prime Factors

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Mathematics
Grade:	Grade 6
Grade:	Grade 7
Grade:	Grade 8

Section	Description	Lesson Title
MA.8.1.1.1.a	Explain the meaning of integers raised to whole number exponents and provide examples.	Complex Fractions
MA.8.1.1.1.c	Explain the meaning of square root of a whole number and provide examples.	Multiply Radicals
MA.8.1.1.2.a	Order rational numbers including integers, whole number powers, and square roots, and explain why one rational number is greater than, equal to, or less than another.	Complex Fractions
MA.8.1.1.2.a	Order rational numbers including integers, whole number powers, and square roots, and explain why one rational number is greater than, equal to, or less than another.	Multiply Radicals
MA.8.1.1.2.b	Order rational numbers including integers, whole number powers, and square roots based on a picture of a real world model, locations on a number line, or symbolic representation.	Complex Fractions
MA.8.1.1.2.b	Order rational numbers including integers, whole number powers, and square roots based on a picture of a real world model, locations on a number line, or symbolic representation.	Multiply Radicals
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Complex Fractions
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Multiply Radicals
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Using the LCD
MA.8.1.1.3.b	Use the distributive property to simplify expressions that include integers.	Complex Fractions
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Complete Factorization
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Factoring Out the GCF
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Factoring Trinomials: Part 1
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Factoring Trinomials: Part 2
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Factoring by Grouping
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Greatest Common Factor
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Special Cases
MA.8.1.1.3.d	Represent or evaluate the application of the addition and multiplication properties on rational numbers including integers.	Commutative and Associative Properties
MA.8.1.1.3.d	Represent or evaluate the application of the addition and multiplication properties on rational numbers including integers.	Fractions
MA.8.1.1.3.d	Represent or evaluate the application of the addition and multiplication properties on rational numbers including integers.	Using the LCD
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	Commutative and Associative Properties

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MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	Fractions
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	Money and Unit Pricing
MA.8.1.1.4.a	Determine an unknown value for a dimension or a number of events or objects using ratio or proportion.	Proportions
MA.8.1.1.4.c	Select and use the most advantageous representation of ratios or percents in a given situation.	Add and Subtract Signed Numbers
MA.8.1.1.4.c	Select and use the most advantageous representation of ratios or percents in a given situation.	Multiply and Divide Signed Numbers
MA.8.1.1.5.b	Explain the meaning of taking whole number powers of integers or square roots of whole numbers using words, pictures, or models.	Complex Fractions
MA.8.1.1.5.b	Explain the meaning of taking whole number powers of integers or square roots of whole numbers using words, pictures, or models.	Multiply Radicals
MA.8.1.1.5.c	Represent a situation involving multiplication or division of integers, whole number powers of integers, or square roots of whole numbers.	Complex Fractions
MA.8.1.1.5.c	Represent a situation involving multiplication or division of integers, whole number powers of integers, or square roots of whole numbers.	Mixture and Interest Problems
MA.8.1.1.5.c	Represent a situation involving multiplication or division of integers, whole number powers of integers, or square roots of whole numbers.	Multiply Radicals
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Add and Subtract Signed Numbers
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Complex Fractions
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Mixture and Interest Problems
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Multiply Radicals
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Multiply and Divide Signed Numbers
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Variables and Expressions
MA.8.1.1.5.f	Select and/or use an appropriate operation to show understanding of whole number powers and square roots.	Complex Fractions
MA.8.1.1.5.f	Select and/or use an appropriate operation to show understanding of whole number powers and square roots.	Multiply Radicals

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MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Complex Fractions
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Decimal - Fraction Conversions
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Multiply Radicals
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Exponents and Order of Operations
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	Complex Fractions
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	Money and Unit Pricing
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	Multiply Radicals
MA.8.1.1.6.d	Complete multi-step computations using two or more different operations with rational numbers.	Money and Unit Pricing
MA.8.1.1.7.a	Select and justify appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Applications of Quadratics
MA.8.1.1.7.b	Explain why a selected strategy or tool is more efficient or more appropriate than another strategy or tool for a situation.	Applications of Quadratics
MA.8.1.1.7.c	Describe strategies for mental computation with integers using powers and square roots.	Complex Fractions
MA.8.1.1.7.c	Describe strategies for mental computation with integers using powers and square roots.	Multiply Radicals
MA.8.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Applications of Quadratics
MA.8.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Money and Unit Pricing
MA.8.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Using the LCD
MA.8.1.1.8.b	Use a variety of estimation strategies to predict results prior to computation.	Money and Unit Pricing
MA.8.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Money and Unit Pricing
MA.8.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Money and Unit Pricing
MA.8.1.1.8.f	Explain or describe a strategy for estimation involving computation with decimals, fractions, and integers, using +, -, x, ÷, powers, and square roots.	Complex Fractions
MA.8.1.1.8.f	Explain or describe a strategy for estimation involving computation with decimals, fractions, and integers, using +, -, x, ÷, powers, and square roots.	Multiply Radicals
MA.8.1.2.2.a	Explain the concept of a rate or slope in a given situation.	Applications of Rational Equations
MA.8.1.2.2.d	Use unit analysis to find equivalent rates.	Applications of Rational Equations
MA.8.1.2.2.d	Use unit analysis to find equivalent rates.	Decimal - Fraction Conversions

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MA.8.1.2.2.e	Use rate to determine a measured outcome and labels units.	Applications of Rational Equations
MA.8.1.2.5.b	Use the Pythagorean Theorem to determine and label a missing dimension of a right triangle or prism.	Pythagorean Theorem
MA.8.1.4.1.a	Determine and explain when events are compound.	Compound Events
MA.8.1.4.1.b	Describe the difference between compound events involving "and" or "or".	Compound Events
MA.8.1.4.1.c	Describe or represent compound events.	Compound Events
MA.8.1.4.2.a	Determine the sample space for simple experiments involving independent or compound events.	Compound Events
MA.8.1.4.2.b	Calculate the probability of two independent events occurring simultaneously using various methods including organized lists, tree diagrams, counting procedures, and area models.	Sampling and Outcomes
MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	Compound Events
MA.8.1.4.5.e	Explain whether stem-and-leaf plot, box-and-whisker plot, or scatter plot is more appropriate for a given set of data, a particular situation, or purpose, or answers a question most effectively.	Dispersion
MA.8.1.4.5.g	Predict an outcome given a linear relationship involving non-negative rational numbers.	Using the LCD
MA.8.1.5.3.a	Express relationships between quantities including whole number exponents and square roots using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Add and Subtract Radicals
MA.8.1.5.3.a	Express relationships between quantities including whole number exponents and square roots using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Complex Fractions
MA.8.1.5.3.a	Express relationships between quantities including whole number exponents and square roots using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Multiply Radicals
MA.8.1.5.3.a	Express relationships between quantities including whole number exponents and square roots using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Square Root Method
MA.8.1.5.3.a	Express relationships between quantities including whole number exponents and square roots using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Variables and Expressions
MA.8.1.5.3.b	Describe a situation represented by an equation or inequality involving whole number exponents and/or square roots.	Add and Subtract Radicals
MA.8.1.5.3.b	Describe a situation represented by an equation or inequality involving whole number exponents and/or square roots.	Complex Fractions
MA.8.1.5.3.b	Describe a situation represented by an equation or inequality involving whole number exponents and/or square roots.	Multiply Radicals
MA.8.1.5.3.b	Describe a situation represented by an equation or inequality involving whole number exponents and/or square roots.	Square Root Method

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MA.8.1.5.3.c	Use equality and inequality symbols to express relationships between rational numbers using square roots and powers in a given situation.	Add and Subtract Radicals
MA.8.1.5.3.c	Use equality and inequality symbols to express relationships between rational numbers using square roots and powers in a given situation.	Complex Fractions
MA.8.1.5.3.c	Use equality and inequality symbols to express relationships between rational numbers using square roots and powers in a given situation.	Multiply Radicals
MA.8.1.5.3.c	Use equality and inequality symbols to express relationships between rational numbers using square roots and powers in a given situation.	Square Root Method
MA.8.1.5.3.c	Use equality and inequality symbols to express relationships between rational numbers using square roots and powers in a given situation.	Using the LCD
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Using the LCD
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Variables and Expressions
MA.8.1.5.4.b	Describe a situation that corresponds to a given expression, equation or inequality.	Mixture and Interest Problems
MA.8.1.5.4.b	Describe a situation that corresponds to a given expression, equation or inequality.	Using the LCD
MA.8.1.5.4.b	Describe a situation that corresponds to a given expression, equation or inequality.	Variables and Expressions
MA.8.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Slope
MA.8.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Using the LCD
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Linear Equations
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Open Sentences
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Slope
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Two Unknowns
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Using a Chart
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Using the LCD
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Writing Equations From Word Problems
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Variables and Expressions
MA.8.1.5.5.a	Match single-variable expressions to equivalent simplified expressions.	Complex Fractions

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MA.8.1.5.5.b	Simplify single-variable expressions by combining like terms and explains the procedure.	Combining Like Terms
MA.8.1.5.5.b	Simplify single-variable expressions by combining like terms and explains the procedure.	Complex Fractions
MA.8.1.5.5.c	Simplify single-variable expressions involving the properties of addition and multiplication.	Commutative and Associative Properties
MA.8.1.5.5.c	Simplify single-variable expressions involving the properties of addition and multiplication.	Complex Fractions
MA.8.1.5.5.c	Simplify single-variable expressions involving the properties of addition and multiplication.	Fractions
MA.8.1.5.5.d	Simplify an expression or formula that involves order of operations.	Complex Fractions
MA.8.1.5.5.d	Simplify an expression or formula that involves order of operations.	Exponents and Order of Operations
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Absolute Value
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Combining Like Terms
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Variables on Both Sides
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Absolute Value
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Combining Like Terms
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Variables and Expressions
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Variables on Both Sides
MA.8.1.5.6.c	Solve, or write and solve, one-step inequalities.	Variables and Expressions
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Variables on Both Sides
MA.8.2.2.3.c	Determine when an approach is unproductive and modify or try a new approach.	Applications of Quadratics
MA.8.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	Applications of Quadratics
MA.8.2.2.4.a	Check work for mathematical accuracy.	Radical Equations
MA.8.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Radical Equations
MA.8.2.2.4.d	Check to be certain the solution answers the question.	Radical Equations
MA.8.3.1.1.c	Identify agreements or differences between mathematical information, diagrams, and/or pictorial representations.	Add and Subtract Signed Numbers
MA.8.3.1.1.c	Identify agreements or differences between mathematical information, diagrams, and/or pictorial representations.	Multiply and Divide Signed Numbers
MA.8.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Variables on Both Sides

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MA.8.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, diagrams, models, and graphs including scatter plots, stem-and-leaf plots, and box-and-whisker plots for a purpose.	Dispersion
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Add and Subtract Signed Numbers
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Dispersion
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Multiply and Divide Signed Numbers
MA.8.5.1.2.a	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Add and Subtract Signed Numbers
MA.8.5.1.2.a	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Multiply and Divide Signed Numbers
MA.8.5.1.2.b	Explain how two or more different models represent the same mathematical idea.	Add and Subtract Signed Numbers
MA.8.5.1.2.b	Explain how two or more different models represent the same mathematical idea.	Multiply and Divide Signed Numbers
MA.8.5.1.2.c	Create two equivalent mathematical models or representations for a given situation.	Add and Subtract Signed Numbers
MA.8.5.1.2.c	Create two equivalent mathematical models or representations for a given situation.	Multiply and Divide Signed Numbers
Subject:	Mathematics	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
MA.8.8.1.A	Solve one-variable linear equations.	Variables and Expressions
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Addition Property of Inequality
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Inequalities in Two Variables
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Multiplication Property of Inequality
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Problem Solving
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Open Sentences

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MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Two Unknowns
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Using a Chart
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Writing Equations From Word Problems
MA.8.8.1.G	Determine and justify whether a given verbal description, table, graph, or symbolic expression represents a linear relationship.	Add and Subtract Signed Numbers
MA.8.8.1.G	Determine and justify whether a given verbal description, table, graph, or symbolic expression represents a linear relationship.	Multiply and Divide Signed Numbers
MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Transformations
MA.8.8.2.E	Quickly recall the square roots of the perfect squares from 1 through 225 and estimate the square roots of other positive numbers.	Multiply Radicals
MA.8.8.2.G	Apply the Pythagorean Theorem to determine the distance between two points on the coordinate plane.	Writing Linear Equations (3)
MA.8.8.3.A	Summarize and compare data sets in terms of variability and measures of center.	Project: Probability
MA.8.8.3.B	Select, construct, and analyze data displays, including box-and-whisker plots, to compare two sets of data.	Project: Data Analysis
MA.8.8.3.C	Create a scatterplot for a two-variable data set, and, when appropriate, sketch and use a trend line to make predictions.	Interpreting Data
MA.8.8.3.C	Create a scatterplot for a two-variable data set, and, when appropriate, sketch and use a trend line to make predictions.	Project: Data Analysis
MA.8.8.3.D	Describe different methods of selecting statistical samples and analyze the strengths and weaknesses of each method.	Measures of Central Tendency
MA.8.8.3.D	Describe different methods of selecting statistical samples and analyze the strengths and weaknesses of each method.	Project: Data Analysis
MA.8.8.3.D	Describe different methods of selecting statistical samples and analyze the strengths and weaknesses of each method.	Sampling and Outcomes
MA.8.8.4.A	Represent numbers in scientific notation, and translate numbers written in scientific notation into standard form.	Scientific Notation
MA.8.8.4.B	Solve problems involving operations with numbers in scientific notation and verify solutions.	Scientific Notation
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Division
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Evaluating Expressions

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MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Exponential Expressions
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Raising to a Power
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Using the LCD
MA.8.8.4.D	Identify rational and irrational numbers.	Classifying and Comparing Numbers
MA.8.8.4.D	Identify rational and irrational numbers.	Multiply Radicals
MA.8.8.4.D	Identify rational and irrational numbers.	Using the LCD
MA.8.8.5.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Applications of Quadratics
MA.8.8.5.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Add and Subtract Signed Numbers
MA.8.8.5.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Multiply and Divide Signed Numbers
MA.8.8.5.H	Make and test conjectures based on data (or information) collected from explorations and experiments.	Project: Data Analysis
MA.8.8.5.H	Make and test conjectures based on data (or information) collected from explorations and experiments.	Project: Probability

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
MA.8.1.1.1.a	Explain the meaning of integers raised to whole number exponents and provide examples.	Exponents and Order of Operations
MA.8.1.1.2.a	Order rational numbers including integers, whole number powers, and square roots, and explain why one rational number is greater than, equal to, or less than another.	Classifying and Comparing Numbers
MA.8.1.1.2.b	Order rational numbers including integers, whole number powers, and square roots based on a picture of a real world model, locations on a number line, or symbolic representation.	Classifying and Comparing Numbers
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Classifying and Comparing Numbers
MA.8.1.1.3.a	Demonstrate the distributive property of multiplication over addition using an area model or picture.	The Distributive Property
MA.8.1.1.3.b	Use the distributive property to simplify expressions that include integers.	Simplifying Expressions
MA.8.1.1.3.b	Use the distributive property to simplify expressions that include integers.	The Distributive Property
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Factoring Out the GCF
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Factoring by Grouping
MA.8.1.1.3.c	Use the distributive property to factor expressions.	Perfect Cubes
MA.8.1.1.3.c	Use the distributive property to factor expressions.	The Distributive Property
MA.8.1.1.3.c	Use the distributive property to factor expressions.	The Greatest Common Factor
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	Simplifying Expressions
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	The Distributive Property
MA.8.1.1.4.b	Determine an unknown value for a dimension or a number of events or objects using percents.	Percent Problems
MA.8.1.1.4.d	Determine a ratio or percent in a given situation.	Percent Problems
MA.8.1.1.5.b	Explain the meaning of taking whole number powers of integers or square roots of whole numbers using words, pictures, or models.	Exponents and Order of Operations
MA.8.1.1.5.c	Represent a situation involving multiplication or division of integers, whole number powers of integers, or square roots of whole numbers.	Dividing with Like Bases
MA.8.1.1.5.c	Represent a situation involving multiplication or division of integers, whole number powers of integers, or square roots of whole numbers.	Mixture and Interest Problems
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Mixture and Interest Problems
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Ratio Problems

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MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Two Unknowns
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Using a Chart
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Writing Equations from Word Problems
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Writing a Function Rule
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	A Product to a Power
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Classifying and Comparing Numbers
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Dividing with Like Bases
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Exponents and Order of Operations
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Percent Problems
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Simplifying Radicals
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Evaluating Expressions
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Exponents and Order of Operations
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	A Product to a Power
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	Dividing with Like Bases
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	Exponents and Order of Operations
MA.8.1.2.2.a	Explain the concept of a rate or slope in a given situation.	Slope
MA.8.1.2.2.c	Calculate a rate of change or slope in a situation.	Direct Variation
MA.8.1.2.2.c	Calculate a rate of change or slope in a situation.	Slope
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Surface Area
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	The Cylinder and Sphere
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Volume
MA.8.1.2.5.b	Use the Pythagorean Theorem to determine and label a missing dimension of a right triangle or prism.	Pythagorean Theorem

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MA.8.1.2.5.c	Determine and label surface areas of right cylinders and right prisms.	Surface Area
MA.8.1.2.5.c	Determine and label surface areas of right cylinders and right prisms.	The Cylinder and Sphere
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	The Cylinder and Sphere
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Volume
MA.8.1.3.1.a	Identify or describe cylinders, cones, or pyramids.	The Cylinder and Sphere
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Definitions and Nets
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	The Cylinder and Sphere
MA.8.1.3.1.c	Draw nets of cylinders, prisms, and pyramids.	Definitions and Nets
MA.8.1.3.2.a	Sort, classify, and label similar and congruent figures.	Congruence
MA.8.1.3.2.e	Use the Pythagorean Theorem to determine if a triangle is a right triangle.	Pythagorean Theorem
MA.8.1.3.3.b	Explain a method for finding the missing side of a triangle in a real-world setting.	Pythagorean Theorem
MA.8.1.3.3.c	Determine the distance between two points on a line parallel to an axis of a coordinate grid.	The Distance Formula
MA.8.1.3.3.d	Use the Pythagorean Theorem to determine the distance between two points on a coordinate grid.	The Distance Formula
MA.8.1.3.4.a	Use any combination of rotations, reflections, and/or translations to draw or locate congruent figures on a grid.	Rotations
MA.8.1.3.4.a	Use any combination of rotations, reflections, and/or translations to draw or locate congruent figures on a grid.	Symmetry and Reflections
MA.8.1.3.4.b	Use ordered pairs or labels to describe the location of a picture or an object transformed by any combination of translations, reflections, and/or rotations on a coordinate grid.	Rotations
MA.8.1.3.4.b	Use ordered pairs or labels to describe the location of a picture or an object transformed by any combination of translations, reflections, and/or rotations on a coordinate grid.	Symmetry and Reflections
MA.8.1.4.1.a	Determine and explain when events are compound.	Compound Events
MA.8.1.4.1.b	Describe the difference between compound events involving "and" or "or".	Compound Events
MA.8.1.4.1.c	Describe or represent compound events.	Compound Events
MA.8.1.4.2.a	Determine the sample space for simple experiments involving independent or compound events.	Compound Events
MA.8.1.4.2.b	Calculate the probability of two independent events occurring simultaneously using various methods including organized lists, tree diagrams, counting procedures, and area models.	Compound Events
MA.8.1.4.2.b	Calculate the probability of two independent events occurring simultaneously using various methods including organized lists, tree diagrams, counting procedures, and area models.	Outcomes
MA.8.1.4.2.b	Calculate the probability of two independent events occurring simultaneously using various methods including organized lists, tree diagrams, counting procedures, and area models.	Probability

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MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	Compound Events
MA.8.1.4.2.e	Design a situation that would produce a given probability.	Probability
MA.8.1.4.3.a	Describe bias in population samples and explains a procedure for selecting an unbiased representative sample.	Measures of Central Tendency
MA.8.1.4.3.e	Determine whether a sampling method will result in a representative sample.	Measures of Central Tendency
MA.8.1.4.4.a	Identify clusters and outliers and determine how they may affect measures of central tendency.	Dispersion
MA.8.1.4.4.c	Examine variations in data, including clusters and outliers, to select the most appropriate measure of central tendency to describe a given set of data.	Dispersion
MA.8.1.4.4.c	Examine variations in data, including clusters and outliers, to select the most appropriate measure of central tendency to describe a given set of data.	Project: Probability
MA.8.1.4.4.d	Determine and/or use the mean, median, mode, and/or range for a set of data.	Dispersion
MA.8.1.4.4.d	Determine and/or use the mean, median, mode, and/or range for a set of data.	Measures of Central Tendency
MA.8.1.4.4.d	Determine and/or use the mean, median, mode, and/or range for a set of data.	Project: Graphing Data
MA.8.1.4.5.a	Describe trends or patterns in data presented in a table of ordered pairs or a scatter plot.	Interpreting Data
MA.8.1.4.5.a	Describe trends or patterns in data presented in a table of ordered pairs or a scatter plot.	Project: Data Analysis
MA.8.1.4.5.b	Read and interpret the data in Venn Diagrams, tables of ordered pairs, and/or scatter plots.	Interpreting Data
MA.8.1.4.5.b	Read and interpret the data in Venn Diagrams, tables of ordered pairs, and/or scatter plots.	Project: Data Analysis
MA.8.1.4.5.c	Select a line of best fit for a set of data to predict a future value of a variable to interpolate between existing data values.	Project: Data Analysis
MA.8.1.4.5.d	Draw trend lines with or without technology and makes predictions about real-world situations.	Project: Data Analysis
MA.8.1.4.5.e	Explain whether stem-and-leaf plot, box-and-whisker plot, or scatter plot is more appropriate for a given set of data, a particular situation, or purpose, or answers a question most effectively.	Dispersion
MA.8.1.5.1.a	Extend, represent, or create linear and non-linear patterns and sequences using tables and graphs.	Linear Equations
MA.8.1.5.1.d	Extend a pattern by supplying missing terms in the beginning, middle, or end of a linear or non-linear pattern.	Arithmetic Sequences
MA.8.1.5.2.b	Develop a rule that describes a recursive pattern in terms of current and previous values such as the Fibonacci sequence.	Arithmetic Sequences
MA.8.1.5.2.c	Describe a rule and/or construct a table to represent a pattern.	Arithmetic Sequences
MA.8.1.5.3.a	Express relationships between quantities including whole number exponents and square roots using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Classifying and Comparing Numbers

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MA.8.1.5.3.c	Use equality and inequality symbols to express relationships between rational numbers using square roots and powers in a given situation.	Classifying and Comparing Numbers
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Linear Equations
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Maximum and Minimum
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	More than Two Unknowns
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Ratio Problems
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Two Unknowns
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Using a Chart
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Variables and Expressions
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Writing Equations from Word Problems
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Writing a Function Rule
MA.8.1.5.4.b	Describe a situation that corresponds to a given expression, equation or inequality.	Mixture and Interest Problems
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Linear Equations
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Slope-Intercept Form
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Writing Linear Equations (1)
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Writing Linear Equations (2)
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Writing Linear Equations (3)
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Maximum and Minimum
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	More than Two Unknowns
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Ratio Problems
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Two Unknowns
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Using a Chart
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Writing Equations from Word Problems
MA.8.1.5.5.a	Match single-variable expressions to equivalent simplified expressions.	Commutative and Associative Properties
MA.8.1.5.5.a	Match single-variable expressions to equivalent simplified expressions.	Simplifying Expressions

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MA.8.1.5.5.b	Simplify single-variable expressions by combining like terms and explains the procedure.	Simplifying Expressions
MA.8.1.5.5.b	Simplify single-variable expressions by combining like terms and explains the procedure.	The Distributive Property
MA.8.1.5.5.c	Simplify single-variable expressions involving the properties of addition and multiplication.	Commutative and Associative Properties
MA.8.1.5.5.c	Simplify single-variable expressions involving the properties of addition and multiplication.	Simplifying Expressions
MA.8.1.5.5.d	Simplify an expression or formula that involves order of operations.	Evaluating Expressions
MA.8.1.5.5.d	Simplify an expression or formula that involves order of operations.	Simplifying Expressions
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Combining Like Terms
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Equations with More than One Step
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	More than Two Unknowns
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	The Distributive Property
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Two Unknowns
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Using a Chart
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Variables on Both Sides
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Combining Like Terms
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Equations with More than One Step
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	More than Two Unknowns
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	The Distributive Property
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Two Unknowns
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Using a Chart
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Variables on Both Sides

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MA.8.1.5.6.c	Solve, or write and solve, one-step inequalities.	Addition Property of Inequality
MA.8.1.5.6.c	Solve, or write and solve, one-step inequalities.	Multiplication Property of Inequality
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Addition Property of Equality
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	More than Two Unknowns
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Multiplication Property of Equality
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	The Square Root Method
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	The Zero Product Property
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Two Unknowns
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Using a Chart
MA.8.2.2.3.b	Apply a variety of strategies and approaches.	Ratio Problems
MA.8.2.2.3.b	Apply a variety of strategies and approaches.	Using a Chart
MA.8.3.1.1.a	Analyze mathematical information or results.	Drawing Conclusions
MA.8.3.1.1.a	Analyze mathematical information or results.	Project: Data Analysis
MA.8.3.1.1.a	Analyze mathematical information or results.	Truth Values
MA.8.3.1.1.b	Compare mathematical information represented in tables, charts, graphs, text, diagrams, figures, or pictures.	Truth Values
MA.8.3.1.1.d	Differentiate between valid and invalid analysis of mathematical information or results.	Drawing Conclusions
MA.8.3.1.1.d	Differentiate between valid and invalid analysis of mathematical information or results.	Truth Values
MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Compound Events
MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Project: Experimental Versus Theoretical Probability
MA.8.3.2.1.c	Identify a valid conclusion based on given information.	Converse, Inverse and Contrapositive
MA.8.3.2.2.b	Evaluate a conclusion based on given information and/or procedures used.	Converse, Inverse and Contrapositive
MA.8.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Rate and Mixture Problems
MA.8.3.3.3.b	Refute a conjecture using a counter example.	Drawing Conclusions
MA.8.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, diagrams, models, and graphs including scatter plots, stem-and-leaf plots, and box-and-whisker plots for a purpose.	Dispersion
MA.8.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, diagrams, models, and graphs including scatter plots, stem-and-leaf plots, and box-and-whisker plots for a purpose.	Interpreting Data

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MA.8.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, diagrams, models, and graphs including scatter plots, stem-and-leaf plots, and box-and-whisker plots for a purpose.	Measures of Central Tendency
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Dispersion
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Project: Data Analysis
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Project: Graphing Data
Subject:	Mathematics	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
MA.8.8.1.A	Solve one-variable linear equations.	Combining Like Terms
MA.8.8.1.A	Solve one-variable linear equations.	Equations with More than One Step
MA.8.8.1.A	Solve one-variable linear equations.	The Distributive Property
MA.8.8.1.A	Solve one-variable linear equations.	Variables and Expressions
MA.8.8.1.A	Solve one-variable linear equations.	Variables on Both Sides
MA.8.8.1.A	Solve one-variable linear equations.	Writing Equations from Word Problems
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Addition Property of Inequality
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Graphing One-Variable Inequalities
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Multi-Step Inequalities
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Multiplication Property of Inequality
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Identifying Functions
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Linear Equations
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Modeling Functions

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MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Open Sentences
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Variables and Expressions
MA.8.8.1.D	Determine the slope and y-intercept of a linear function described by a symbolic expression, table, or graph.	Slope
MA.8.8.1.D	Determine the slope and y-intercept of a linear function described by a symbolic expression, table, or graph.	Writing Linear Equations (3)
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Addition Property of Equality
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Money and Unit Pricing
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	More than Two Unknowns
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Multiplication Property of Equality
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Rate and Mixture Problems
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Ratio Problems
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Two Unknowns
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Using Formulas
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Using a Chart
MA.8.8.1.G	Determine and justify whether a given verbal description, table, graph, or symbolic expression represents a linear relationship.	Linear Equations
MA.8.8.1.G	Determine and justify whether a given verbal description, table, graph, or symbolic expression represents a linear relationship.	Writing Equations from Word Problems
MA.8.8.2.A	Identify pairs of angles as complementary, supplementary, adjacent, or vertical, and use these relationships to determine missing angle measures.	Angle Relationship Definitions
MA.8.8.2.B	Determine missing angle measures using the relationships among the angles formed by parallel lines and transversals.	Angle Relationship Definitions
MA.8.8.2.B	Determine missing angle measures using the relationships among the angles formed by parallel lines and transversals.	Parallel Lines and Transversals
MA.8.8.2.C	Demonstrate that the sum of the angle measures in a triangle is 180 degrees, and apply this fact to determine the sum of the angle measures of polygons and to determine unknown angle measures.	Interior and Exterior Angles of Polygons
MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Rotations
MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Symmetry and Reflections

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MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Translations and Dilations
MA.8.8.2.E	Quickly recall the square roots of the perfect squares from 1 through 225 and estimate the square roots of other positive numbers.	Adding and Subtracting Radicals
MA.8.8.2.E	Quickly recall the square roots of the perfect squares from 1 through 225 and estimate the square roots of other positive numbers.	Dividing Radicals
MA.8.8.2.E	Quickly recall the square roots of the perfect squares from 1 through 225 and estimate the square roots of other positive numbers.	Simplifying Radicals
MA.8.8.2.F	Demonstrate the Pythagorean Theorem and its converse and apply them to solve problems.	Pythagorean Theorem
MA.8.8.2.G	Apply the Pythagorean Theorem to determine the distance between two points on the coordinate plane.	The Distance Formula
MA.8.8.3.A	Summarize and compare data sets in terms of variability and measures of center.	Measures of Central Tendency
MA.8.8.3.A	Summarize and compare data sets in terms of variability and measures of center.	Project: Probability
MA.8.8.3.B	Select, construct, and analyze data displays, including box-and-whisker plots, to compare two sets of data.	Interpreting Data
MA.8.8.3.B	Select, construct, and analyze data displays, including box-and-whisker plots, to compare two sets of data.	Project: Graphing Data
MA.8.8.3.C	Create a scatterplot for a two-variable data set, and, when appropriate, sketch and use a trend line to make predictions.	Interpreting Data
MA.8.8.3.C	Create a scatterplot for a two-variable data set, and, when appropriate, sketch and use a trend line to make predictions.	Mixture and Interest Problems
MA.8.8.3.C	Create a scatterplot for a two-variable data set, and, when appropriate, sketch and use a trend line to make predictions.	Project: Data Analysis
MA.8.8.3.D	Describe different methods of selecting statistical samples and analyze the strengths and weaknesses of each method.	Measures of Central Tendency
MA.8.8.3.E	Determine whether conclusions of statistical studies reported in the media are reasonable.	Interpreting Data
MA.8.8.3.E	Determine whether conclusions of statistical studies reported in the media are reasonable.	Outcomes
MA.8.8.3.F	Determine probabilities for mutually exclusive, dependent, and independent events for small sample spaces.	Compound Events
MA.8.8.3.F	Determine probabilities for mutually exclusive, dependent, and independent events for small sample spaces.	Probability
MA.8.8.3.F	Determine probabilities for mutually exclusive, dependent, and independent events for small sample spaces.	Project: Experimental Versus Theoretical Probability
MA.8.8.3.G	Solve single- and multi-step problems using counting techniques and Venn diagrams and verify the solutions.	Permutations
MA.8.8.4.A	Represent numbers in scientific notation, and translate numbers written in scientific notation into standard form.	Scientific Notation
MA.8.8.4.B	Solve problems involving operations with numbers in scientific notation and verify solutions.	Fractions
MA.8.8.4.B	Solve problems involving operations with numbers in scientific notation and verify solutions.	Signed Numbers

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MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	A Product to a Power
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Dividing with Like Bases
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Evaluating Expressions
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Exponents and Order of Operations
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Simplifying Rational Expressions
MA.8.8.4.D	Identify rational and irrational numbers.	Classifying and Comparing Numbers
MA.8.8.4.D	Identify rational and irrational numbers.	Signed Numbers
MA.8.8.5.A	Analyze a problem situation to determine the question(s) to be answered.	Ratio Problems
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Direct Variation
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Maximum and Minimum
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Rate and Mixture Problems
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Ratio Problems
MA.8.8.5.G	Extract and organize mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Converse, Inverse and Contrapositive
MA.8.8.5.G	Extract and organize mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Project: Determining Logical Equivalence
MA.8.8.5.G	Extract and organize mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Truth Values
MA.8.8.5.G	Extract and organize mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Writing Equations from Word Problems

**Alignment Report for Mathematics 600
Washington - Mathematics - Grades 6-8**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grade 6	
Section	Description	Lesson Title
MA.6.1.1.1.c	Locate the additive inverse of a given integer on a number line.	Operations and Their Opposites
MA.6.1.1.2.a	Order different representations of fractions, decimals, and/or percents.	Comparing Decimal Numbers
MA.6.1.1.2.a	Order different representations of fractions, decimals, and/or percents.	Comparing Fractions
MA.6.1.1.2.a	Order different representations of fractions, decimals, and/or percents.	Equations Using Percents
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Converting Fractions and Decimals
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Converting Fractions to Decimals
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Converting Fractions to Decimals to Percents
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Equivalent Decimals
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Equivalent Fractions
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Introduction to Percents
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Review: Converting Fractions and Decimals
MA.6.1.1.2.c	Order integers, fractions, decimals, and/or percents and explain why one number is greater than, less than, or equal to another.	Comparing Decimal Numbers
MA.6.1.1.2.c	Order integers, fractions, decimals, and/or percents and explain why one number is greater than, less than, or equal to another.	Comparing Fractions
MA.6.1.1.2.c	Order integers, fractions, decimals, and/or percents and explain why one number is greater than, less than, or equal to another.	Equations Using Percents
MA.6.1.1.2.d	Explain when a fraction, decimal, or percent of one whole is not the same as the same fraction, decimal, or percent of a different whole.	Equations Using Percents
MA.6.1.1.2.d	Explain when a fraction, decimal, or percent of one whole is not the same as the same fraction, decimal, or percent of a different whole.	Equivalent Decimals
MA.6.1.1.2.d	Explain when a fraction, decimal, or percent of one whole is not the same as the same fraction, decimal, or percent of a different whole.	Equivalent Fractions

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MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Equivalent Decimals
MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Equivalent Fractions
MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Number Relationships
MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Prime and Composite Numbers
MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Properties of Addition
MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Properties of Addition and Multiplication
MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Properties of Multiplication
MA.6.1.1.3.b	Use addition and multiplication properties to assist in computations.	Properties of Addition
MA.6.1.1.3.b	Use addition and multiplication properties to assist in computations.	Properties of Addition and Multiplication
MA.6.1.1.3.b	Use addition and multiplication properties to assist in computations.	Properties of Multiplication
MA.6.1.1.3.c	Determine whether a computation is reasonable based on application of the commutative, associative, and identity properties of addition and/or multiplication.	Properties of Addition
MA.6.1.1.3.c	Determine whether a computation is reasonable based on application of the commutative, associative, and identity properties of addition and/or multiplication.	Properties of Addition and Multiplication
MA.6.1.1.3.c	Determine whether a computation is reasonable based on application of the commutative, associative, and identity properties of addition and/or multiplication.	Properties of Multiplication
MA.6.1.1.4.a	Write or show and explain ratios in part/part and part/whole relationships using words, objects, pictures, models, and/or symbols.	Ratios and Division of Decimals
MA.6.1.1.4.b	Represent equivalent ratios using objects, pictures, or symbols.	Equivalent Decimals
MA.6.1.1.4.b	Represent equivalent ratios using objects, pictures, or symbols.	Equivalent Fractions
MA.6.1.1.4.b	Represent equivalent ratios using objects, pictures, or symbols.	Ratios and Division of Decimals
MA.6.1.1.4.b	Represent equivalent ratios using objects, pictures, or symbols.	Review: Converting Fractions and Decimals

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MA.6.1.1.4.c	Represent equivalent percentages using objects, pictures, and symbols.	Equations Using Percents
MA.6.1.1.4.c	Represent equivalent percentages using objects, pictures, and symbols.	Equivalent Decimals
MA.6.1.1.4.c	Represent equivalent percentages using objects, pictures, and symbols.	Equivalent Fractions
MA.6.1.1.4.c	Represent equivalent percentages using objects, pictures, and symbols.	Review: Converting Fractions and Decimals
MA.6.1.1.4.d	Express or represent percent as a ratio based on 100 equal size parts of a set.	Equations Using Percents
MA.6.1.1.4.d	Express or represent percent as a ratio based on 100 equal size parts of a set.	Ratios and Division of Decimals
MA.6.1.1.4.e	Explain ratio and percents and give examples of each.	Equations Using Percents
MA.6.1.1.4.e	Explain ratio and percents and give examples of each.	Ratios and Division of Decimals
MA.6.1.1.4.f	Create a ratio equivalent to a given ratio to determine an unknown value for a dimension or a number of events or objects.	Equivalent Decimals
MA.6.1.1.4.f	Create a ratio equivalent to a given ratio to determine an unknown value for a dimension or a number of events or objects.	Equivalent Fractions
MA.6.1.1.4.f	Create a ratio equivalent to a given ratio to determine an unknown value for a dimension or a number of events or objects.	Ratios and Division of Decimals
MA.6.1.1.4.f	Create a ratio equivalent to a given ratio to determine an unknown value for a dimension or a number of events or objects.	Review: Converting Fractions and Decimals
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Dividing Decimals and Rounding Numbers
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Dividing Decimals with Remainders
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Dividing Fractions
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Dividing Fractions and Whole Numbers
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Multiplying Decimals
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Multiplying Decimals
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Multiplying Fractions
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Multiplying and Dividing Decimals
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Review: Dividing Fractions and Whole and Mixed Numbers (1)

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MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Review: Dividing Fractions and Whole and Mixed Numbers (2)
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Review: Division
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Review: Multiplying Decimals
MA.6.1.1.5.b	Explain the effect of multiplying a whole number by a decimal number.	Multiplication of Whole Numbers
MA.6.1.1.5.b	Explain the effect of multiplying a whole number by a decimal number.	Multiplying Decimals
MA.6.1.1.5.b	Explain the effect of multiplying a whole number by a decimal number.	Multiplying Decimals
MA.6.1.1.5.b	Explain the effect of multiplying a whole number by a decimal number.	Multiplying and Dividing Decimals
MA.6.1.1.5.b	Explain the effect of multiplying a whole number by a decimal number.	Multiplying and Dividing Whole Numbers
MA.6.1.1.5.b	Explain the effect of multiplying a whole number by a decimal number.	Review: Multiplying Decimals
MA.6.1.1.5.c	Explain why multiplication of fractions involves multiplying denominators.	Multiplying Fractions
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Dividing Decimals
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Dividing Decimals and Rounding Numbers
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Dividing Decimals with Remainders
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Multiplying Decimals
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Multiplying Decimals
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Multiplying and Dividing Decimals
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Place Value Through the Billion's Place
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Reading and Writing Decimal Numbers
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Review: Division
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Review: Multiplying Decimals
MA.6.1.1.5.e	Explain remainders of a division problem in a given situation.	Division of Whole Numbers (1)
MA.6.1.1.5.e	Explain remainders of a division problem in a given situation.	Division of Whole Numbers (2)
MA.6.1.1.5.e	Explain remainders of a division problem in a given situation.	Multiplying and Dividing Whole Numbers
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Dividing Decimals and Rounding Numbers

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MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Dividing Decimals with Remainders
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Dividing Fractions
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Dividing Fractions and Whole Numbers
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Multiplying Decimals
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Multiplying Decimals
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Multiplying Fractions
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Multiplying and Dividing Decimals
MA.6.1.1.5.f	Translate a picture or illustration into an equivalent symbolic representation of multiplication and division of non-negative fractions and decimals.	Review: Dividing Fractions and Whole and Mixed Numbers (1)
MA.6.1.1.5.g	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of non-negative rational numbers.	Number Relationships
MA.6.1.1.5.g	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of non-negative rational numbers.	Prime and Composite Numbers
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Adding Decimals
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Adding and Subtracting Decimals
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Number Relationships
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Practice Adding Fractions
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Practice Subtracting Fractions
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Prime and Composite Numbers
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Review: Adding and Subtracting Decimals
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Subtracting Decimals
MA.6.1.1.6.b	Find sums or differences of decimals or fractions in real-world situations.	Adding Decimals
MA.6.1.1.6.b	Find sums or differences of decimals or fractions in real-world situations.	Adding and Subtracting Decimals
MA.6.1.1.6.b	Find sums or differences of decimals or fractions in real-world situations.	Practice Adding Fractions
MA.6.1.1.6.b	Find sums or differences of decimals or fractions in real-world situations.	Practice Subtracting Fractions

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MA.6.1.1.6.b	Find sums or differences of decimals or fractions in real-world situations.	Review: Adding and Subtracting Decimals
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Adding and Subtracting Fractions
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Adding and Subtracting Mixed Numbers with Like Denominators
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Adding and Subtracting Mixed Numbers with Unlike Denominators
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Dividing Fractions and Mixed Numbers
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Dividing Mixed Numbers
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Factors, Multiples, and Whole Number Multiplication
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Greatest Common Factor and Least Common Multiple
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Least Common Multiples and Greatest Common Factors
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Multiplication of Whole Numbers
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Multiplying Fractions
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Multiplying Fractions and Whole Numbers
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Multiplying Fractions with Reducing
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Multiplying Mixed Numbers
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Multiplying Mixed Numbers
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Multiplying and Dividing Whole Numbers
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Prime Factors and Least Common Multiple
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Proper, Improper, and Mixed Fractions

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MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Ways of Looking at Numbers
MA.6.1.1.6.d	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Adding Decimals
MA.6.1.1.6.d	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Adding and Subtracting Decimals
MA.6.1.1.6.d	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Review: Adding and Subtracting Decimals
MA.6.1.1.6.d	Calculate sums of two numbers with decimals to the thousandths or three numbers with decimals to hundredths.	Subtracting Decimals
MA.6.1.1.6.e	Calculate difference between numbers with decimals to thousandths.	Adding and Subtracting Decimals
MA.6.1.1.6.e	Calculate difference between numbers with decimals to thousandths.	Review: Adding and Subtracting Decimals
MA.6.1.1.6.f	Complete multiple-step computations requiring addition and/or subtraction.	Subtraction of Whole Numbers
MA.6.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Calculator Practice: Basic Operations (1)
MA.6.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Calculator Practice: Basic Operations (2)
MA.6.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Dividing Decimals
MA.6.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Estimating Sums and Differences (1)
MA.6.1.1.7.c	Describe strategies for mentally adding and/or subtracting non-negative decimals and fractions.	Adding and Subtracting Decimals
MA.6.1.1.7.c	Describe strategies for mentally adding and/or subtracting non-negative decimals and fractions.	Practice Adding Fractions
MA.6.1.1.7.c	Describe strategies for mentally adding and/or subtracting non-negative decimals and fractions.	Practice Subtracting Fractions
MA.6.1.1.8.a	Explain whether estimation or exact calculation is appropriate in situations involving addition and subtraction of non-negative decimals and fractions.	Adding and Subtracting Decimals
MA.6.1.1.8.a	Explain whether estimation or exact calculation is appropriate in situations involving addition and subtraction of non-negative decimals and fractions.	Dividing Decimals
MA.6.1.1.8.a	Explain whether estimation or exact calculation is appropriate in situations involving addition and subtraction of non-negative decimals and fractions.	Estimating Sums and Differences (1)

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MA.6.1.1.8.a	Explain whether estimation or exact calculation is appropriate in situations involving addition and subtraction of non-negative decimals and fractions.	Practice Adding Fractions
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Estimating
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Estimating Products
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Estimating Quotients (1)
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Estimating Quotients (2)
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Estimating Sums and Differences (1)
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Estimating Sums and Differences (2)
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Estimating Sums and Differences (3)
MA.6.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	Dividing Decimals
MA.6.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Dividing Decimals
MA.6.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Estimating Sums and Differences (1)
MA.6.1.1.8.f	Explain or describe a strategy for estimation involving addition and subtraction of non-negative decimals and fractions.	Adding and Subtracting Decimals
MA.6.1.1.8.f	Explain or describe a strategy for estimation involving addition and subtraction of non-negative decimals and fractions.	Estimating Quotients (2)
MA.6.1.1.8.f	Explain or describe a strategy for estimation involving addition and subtraction of non-negative decimals and fractions.	Estimating Sums and Differences (1)
MA.6.1.1.8.f	Explain or describe a strategy for estimation involving addition and subtraction of non-negative decimals and fractions.	Estimating Sums and Differences (2)
MA.6.1.1.8.f	Explain or describe a strategy for estimation involving addition and subtraction of non-negative decimals and fractions.	Estimating Sums and Differences (3)
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Customary Units of Measure
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Perimeter, Area, and Volume (1)
MA.6.1.2.1.c	Explain and give examples of how area and surface area are related.	Perimeter, Area, and Volume (1)
MA.6.1.2.1.d	Describe the relationship between surface area and volume of a rectangular prism.	Perimeter, Area, and Volume (1)
MA.6.1.2.1.e	Label measurements of rectangular prisms to show understanding of the relationships among linear dimensions, surface area, and volume of rectangular prisms.	Coordinate Graphs
MA.6.1.2.1.e	Label measurements of rectangular prisms to show understanding of the relationships among linear dimensions, surface area, and volume of rectangular prisms.	Customary Units of Measure

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MA.6.1.2.1.e	Label measurements of rectangular prisms to show understanding of the relationships among linear dimensions, surface area, and volume of rectangular prisms.	Perimeter, Area, and Volume (1)
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Customary Units of Measure
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Perimeter, Area, and Volume (1)
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Review of Formulas
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	The Metric System
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Customary Units of Measure
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Perimeter, Area, and Volume (1)
MA.6.1.2.2.c	Explain how the selected unit of length affects the size of cubic units.	Customary Units of Measure
MA.6.1.2.2.c	Explain how the selected unit of length affects the size of cubic units.	Perimeter, Area, and Volume (1)
MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Customary Units of Measure
MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Perimeter, Area, and Volume (1)
MA.6.1.2.4.a.2	Select an appropriate unit to measure the attribute identified.	Customary Units of Measure
MA.6.1.2.4.a.2	Select an appropriate unit to measure the attribute identified.	Review of Formulas
MA.6.1.2.4.a.2	Select an appropriate unit to measure the attribute identified.	The Metric System
MA.6.1.2.4.a.3	Select a tool that matches the unit chosen.	Customary Units of Measure
MA.6.1.2.4.a.3	Select a tool that matches the unit chosen.	Review of Formulas
MA.6.1.2.4.a.3	Select a tool that matches the unit chosen.	The Metric System
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Customary Units of Measure
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Perimeter, Area, and Volume (1)
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Review of Formulas
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	The Metric System
MA.6.1.2.6.b	Estimate and label volume or capacity.	Customary Units of Measure
MA.6.1.2.6.b	Estimate and label volume or capacity.	Perimeter, Area, and Volume (1)
MA.6.1.2.6.c	Use estimation to determine reasonableness of a volume of a rectangular prism.	Customary Units of Measure
MA.6.1.2.6.c	Use estimation to determine reasonableness of a volume of a rectangular prism.	Perimeter, Area, and Volume (1)
MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Customary Units of Measure
MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Perimeter, Area, and Volume (1)
MA.6.1.3.1.a	Describe circles or rectangular prisms using geometric properties.	Two- and Three- Dimensional Shapes
MA.6.1.3.1.b	Draw a figure given properties that describe a circle or rectangular prism.	Two- and Three- Dimensional Shapes

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MA.6.1.3.1.c	Explain lines of symmetry for 2-dimensional figures including circles.	Two- and Three- Dimensional Shapes
MA.6.1.3.1.d	Describe the relationship between the diameter and the radius of a circle.	Circles
MA.6.1.3.1.d	Describe the relationship between the diameter and the radius of a circle.	Coordinate Graphs
MA.6.1.3.2.b	Sort and classify 2-dimensional shapes and/or figures according to their properties including number of sides, number of vertices, types of angles, parallel sides, perpendicular sides, symmetry, and/or congruence.	Lines and Angles
MA.6.1.3.2.b	Sort and classify 2-dimensional shapes and/or figures according to their properties including number of sides, number of vertices, types of angles, parallel sides, perpendicular sides, symmetry, and/or congruence.	Symmetry, Congruency, and Similarity
MA.6.1.3.2.c	Combine polygons to create a figure.	Two- and Three- Dimensional Shapes
MA.6.1.3.2.e	Describe or draw lines of symmetry for angles and/or polygons.	Angle Measurement
MA.6.1.3.2.e	Describe or draw lines of symmetry for angles and/or polygons.	Lines and Angles
MA.6.1.3.2.e	Describe or draw lines of symmetry for angles and/or polygons.	Lines, Rays, and Angles
MA.6.1.3.2.e	Describe or draw lines of symmetry for angles and/or polygons.	Two- and Three- Dimensional Shapes
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Angle Measurement
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Lines and Angles
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Lines, Rays, and Angles
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Time Zones
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Two- and Three- Dimensional Shapes
MA.6.1.3.3.a	Plot integers and non-negative fractions and/or decimals on a number line.	Number Relationships
MA.6.1.3.3.a	Plot integers and non-negative fractions and/or decimals on a number line.	Positive and Negative Numbers
MA.6.1.3.3.a	Plot integers and non-negative fractions and/or decimals on a number line.	Prime and Composite Numbers
MA.6.1.3.3.d	Describe the relative location of points and objects on a number line with both positive and negative numbers.	Number Relationships
MA.6.1.3.3.d	Describe the relative location of points and objects on a number line with both positive and negative numbers.	Positive and Negative Numbers
MA.6.1.3.3.d	Describe the relative location of points and objects on a number line with both positive and negative numbers.	Prime and Composite Numbers
MA.6.1.3.4.b	Describe a rotation so that another person could draw it.	Time Zones
MA.6.1.3.4.e	Plot the points and write the coordinates of an object or figure that has been rotated 90°, 180°, or 270° about its center or a vertex on a coordinate grid.	Coordinate Graphs
MA.6.1.4.1.b	Express probabilities as fractions or decimals between 0 and 1 inclusive, and percents between 0 and 100 inclusive.	Equations Using Percents
MA.6.1.4.1.b	Express probabilities as fractions or decimals between 0 and 1 inclusive, and percents between 0 and 100 inclusive.	Equivalent Decimals

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MA.6.1.4.1.b	Express probabilities as fractions or decimals between 0 and 1 inclusive, and percents between 0 and 100 inclusive.	Equivalent Fractions
MA.6.1.4.1.b	Express probabilities as fractions or decimals between 0 and 1 inclusive, and percents between 0 and 100 inclusive.	Prediction and Probability
MA.6.1.4.1.b	Express probabilities as fractions or decimals between 0 and 1 inclusive, and percents between 0 and 100 inclusive.	Ratios
MA.6.1.4.1.c	Translate between representations of probability including fractions, decimals, and percents.	Converting Fractions and Decimals
MA.6.1.4.1.c	Translate between representations of probability including fractions, decimals, and percents.	Converting Fractions to Decimals
MA.6.1.4.1.c	Translate between representations of probability including fractions, decimals, and percents.	Converting Fractions to Decimals to Percents
MA.6.1.4.1.c	Translate between representations of probability including fractions, decimals, and percents.	Prediction and Probability
MA.6.1.4.1.c	Translate between representations of probability including fractions, decimals, and percents.	Ratios
MA.6.1.4.2.a	Determine the probability of a simple event as a ratio, decimal, or percent.	Prediction and Probability
MA.6.1.4.2.a	Determine the probability of a simple event as a ratio, decimal, or percent.	Ratios
MA.6.1.4.2.d	Explain how to determine all possible outcomes of an experiment or event.	Time Zones
MA.6.1.4.4.a	Use mean, median and mode, to describe or explain a set of data in familiar and new situations	Fractions, Averages, and Graphs
MA.6.1.4.4.a	Use mean, median and mode, to describe or explain a set of data in familiar and new situations	Mean, Median, and Mode
MA.6.1.4.4.a	Use mean, median and mode, to describe or explain a set of data in familiar and new situations	Statistics: Averaging
MA.6.1.4.4.b	Determine mean, median, and mode of a set of data.	Fractions, Averages, and Graphs
MA.6.1.4.4.b	Determine mean, median, and mode of a set of data.	Mean, Median, and Mode
MA.6.1.4.4.b	Determine mean, median, and mode of a set of data.	Statistics: Averaging
MA.6.1.4.4.c	Explain why the mean, median, and mode may not be the same for a given set of data.	Fractions, Averages, and Graphs
MA.6.1.4.4.c	Explain why the mean, median, and mode may not be the same for a given set of data.	Mean, Median, and Mode
MA.6.1.4.4.c	Explain why the mean, median, and mode may not be the same for a given set of data.	Statistics: Averaging
MA.6.1.4.4.d	Explain why the mean, median, or mode best describes a set of data.	Fractions, Averages, and Graphs
MA.6.1.4.4.d	Explain why the mean, median, or mode best describes a set of data.	Mean, Median, and Mode
MA.6.1.4.4.d	Explain why the mean, median, or mode best describes a set of data.	Statistics: Averaging
MA.6.1.4.4.e	Explain what the mean, median, and mode indicate about a set of data.	Fractions, Averages, and Graphs
MA.6.1.4.4.e	Explain what the mean, median, and mode indicate about a set of data.	Mean, Median, and Mode
MA.6.1.4.4.e	Explain what the mean, median, and mode indicate about a set of data.	Statistics: Averaging
MA.6.1.4.5.a	Explain which graph type is most appropriate for a given situation and data.	Picture, Bar, and Pie Charts
MA.6.1.4.5.b	Read and interpret data from Venn diagrams, single line graphs, and/or histograms; and explains the use of these graphs.	Fractions, Averages, and Graphs

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MA.6.1.4.5.b	Read and interpret data from Venn diagrams, single line graphs, and/or histograms; and explains the use of these graphs.	Reading Bar Graphs and Line Graphs
MA.6.1.4.5.e	Explain the completeness and accuracy of data presented in single line graphs and histograms.	Fractions, Averages, and Graphs
MA.6.1.4.5.e	Explain the completeness and accuracy of data presented in single line graphs and histograms.	Reading Bar Graphs and Line Graphs
MA.6.1.4.5.f	Describe trends or patterns in data represented in single line graphs and histograms.	Fractions, Averages, and Graphs
MA.6.1.4.5.f	Describe trends or patterns in data represented in single line graphs and histograms.	Reading Bar Graphs and Line Graphs
MA.6.1.5.1.c	Identify and describe a number pattern for a given table, graph, rule, or words,	Multiplying Whole and Decimal Numbers by Powers of Ten
MA.6.1.5.1.c	Identify and describe a number pattern for a given table, graph, rule, or words,	Patterns and Number Sequences
MA.6.1.5.1.c	Identify and describe a number pattern for a given table, graph, rule, or words,	Patterns and Number Sequences
MA.6.1.5.1.d	Use technology to generate patterns based on two arithmetic operations.	Basic Mathematical Operations
MA.6.1.5.1.e	Extend a pattern by supplying missing elements in the beginning, middle, and/or end of the pattern.	Rounding and Missing Number Problems
MA.6.1.5.2.a	Describe or write a rule for a pattern with combinations of two different arithmetic operations in the rule.	Basic Mathematical Operations
MA.6.1.5.2.b	Identify, describe, or write a rule for a given pattern involving two different alternating operations.	Basic Mathematical Operations
MA.6.1.5.2.d	Determine a rule in order to supply missing elements in the beginning, middle, or end of a pattern or sequence.	Rounding and Missing Number Problems
MA.6.1.5.3.a	Express relationships between quantities including non-negative fractions, decimals, percents, and integers using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Comparing Decimal Numbers
MA.6.1.5.3.a	Express relationships between quantities including non-negative fractions, decimals, percents, and integers using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Comparing Fractions
MA.6.1.5.3.a	Express relationships between quantities including non-negative fractions, decimals, percents, and integers using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Equations Using Percents
MA.6.1.5.3.a	Express relationships between quantities including non-negative fractions, decimals, percents, and integers using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Reading and Comparing Numbers
MA.6.1.5.3.b	Describe a situation represented by an equation or inequality involving non-negative fractions, decimals, percents, and/or integers.	Equations Using Multiplication and Division
MA.6.1.5.3.b	Describe a situation represented by an equation or inequality involving non-negative fractions, decimals, percents, and/or integers.	Equations Using Percents
MA.6.1.5.3.b	Describe a situation represented by an equation or inequality involving non-negative fractions, decimals, percents, and/or integers.	Equivalent Decimals

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MA.6.1.5.3.b	Describe a situation represented by an equation or inequality involving non-negative fractions, decimals, percents, and/or integers.	Equivalent Fractions
MA.6.1.5.3.b	Describe a situation represented by an equation or inequality involving non-negative fractions, decimals, percents, and/or integers.	Introduction to Equations
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Equations Using Multiplication and Division
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Equations Using Percents
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Equivalent Decimals
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Equivalent Fractions
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Introduction to Equations
MA.6.1.5.4.a	Translate a situation involving two arithmetic operations into algebraic form involving variables and using =, "not equal to", >, <, "less than or equal to", or "greater than or equal to".	Basic Mathematical Operations
MA.6.1.5.4.b	Describe a situation involving two arithmetic operations that matches a given equation with variables.	Basic Mathematical Operations
MA.6.1.5.4.b	Describe a situation involving two arithmetic operations that matches a given equation with variables.	Equations Using Multiplication and Division
MA.6.1.5.4.b	Describe a situation involving two arithmetic operations that matches a given equation with variables.	Introduction to Equations
MA.6.1.5.4.c	Write an equation, expression, or inequality using a variable to represent a given situation and explains the meaning of the variable.	Equations Using Multiplication and Division
MA.6.1.5.4.c	Write an equation, expression, or inequality using a variable to represent a given situation and explains the meaning of the variable.	Introduction to Equations
MA.6.1.5.4.d	Describe a situation that corresponds to a given expression, equation, or inequality that includes variables.	Equations Using Multiplication and Division
MA.6.1.5.4.d	Describe a situation that corresponds to a given expression, equation, or inequality that includes variables.	Introduction to Equations
MA.6.1.5.4.e	Explain the meaning of variables in a formula, expression, or equation.	Equations Using Multiplication and Division
MA.6.1.5.4.e	Explain the meaning of variables in a formula, expression, or equation.	Introduction to Equations
MA.6.1.5.4.e	Explain the meaning of variables in a formula, expression, or equation.	Time Zones
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	Equations Using Multiplication and Division
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	Expanded Notation
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	Number Relationships

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MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	Prime and Composite Numbers
MA.6.1.5.6.b	Solve one-step single variable equations.	Equations Using Multiplication and Division
MA.6.1.5.6.c	Write and solve one-step single variable equations for a given situation.	Equations Using Multiplication and Division
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Time Zones
MA.6.2.1.1.a	Investigate a situation and determines if there is a problem to solve.	Problem Solving
MA.6.2.1.1.a	Investigate a situation and determines if there is a problem to solve.	Problem Solving
MA.6.2.1.1.a	Investigate a situation and determines if there is a problem to solve.	Problem Solving
MA.6.2.1.1.c	Generate questions to be answered in order to solve the problem.	Equations Using Percents
MA.6.2.1.2.a	Determine what needed information is missing.	Equations Using Percents
MA.6.2.1.2.b	Differentiate between necessary and extraneous information.	Equations Using Percents
MA.6.2.1.3.a	Determine what data, numbers, and information are known and unknown.	Equations Using Percents
MA.6.2.2.1.a	Select and use relevant data or information from the problem.	Equations Using Percents
MA.6.2.2.2.a	Select and use appropriate concepts and procedures to construct a solution.	Problem Solving
MA.6.2.2.2.a	Select and use appropriate concepts and procedures to construct a solution.	Problem Solving
MA.6.2.2.2.a	Select and use appropriate concepts and procedures to construct a solution.	Problem Solving
MA.6.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Problem Solving
MA.6.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Problem Solving
MA.6.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Problem Solving
MA.6.2.2.3.a	Select and use tools such as rulers, protractors, manipulatives, calculators, and technology to construct a solution.	Calculator Practice: Basic Operations (1)
MA.6.2.2.3.a	Select and use tools such as rulers, protractors, manipulatives, calculators, and technology to construct a solution.	Calculator Practice: Basic Operations (2)
MA.6.2.2.3.b	Apply a variety of strategies and approaches.	Equations Using Percents
MA.6.2.2.3.b	Apply a variety of strategies and approaches.	Problem Solving
MA.6.2.2.3.b	Apply a variety of strategies and approaches.	Problem Solving
MA.6.2.2.3.b	Apply a variety of strategies and approaches.	Problem Solving
MA.6.2.2.4.b	Determine whether the solution is reasonable for the situation.	Equations Using Percents
MA.6.2.2.4.d	Check to be certain the solution answers the question.	Equations Using Percents
MA.6.3.1.1.a	Analyze mathematical information or results represented in single line graphs and scatter plots.	Fractions, Averages, and Graphs
MA.6.3.1.1.a	Analyze mathematical information or results represented in single line graphs and scatter plots.	Reading Bar Graphs and Line Graphs
MA.6.3.1.1.c	Identify agreements or differences between mathematical information, diagrams, and/or pictorial representations.	Time Zones

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MA.6.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, and/or statistical data or facts.	Prediction and Probability
MA.6.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Coordinate Graphs
MA.6.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Time Zones
MA.6.4.1.1.a	Determine appropriate mathematical information needed for a specific purpose or audience.	Time Zones
MA.6.4.1.1.b	Develop a plan, not a survey, to collect mathematical information, including what information is needed and where and how to find the information.	Time Zones
MA.6.4.1.1.c	List or describe the general procedure or order of steps of a plan to gather exactly the information sought with no irrelevant information.	Time Zones
MA.6.4.1.1.d	Follow a plan, not a survey, to collect mathematical information for a given audience and purpose.	Time Zones
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Fractions, Averages, and Graphs
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Reading Bar Graphs and Line Graphs
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Reading Picture and Circle Graphs
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Time Zones
MA.6.4.1.2.b	Write or identify questions to be answered using data sources such as magazines, newspapers, menus, sales and travel brochures, schedules, and/or sales receipts.	Time Zones
MA.6.4.2.1.a	Select a useful format and organize mathematical information for a given purpose.	Time Zones
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Coordinate Graphs
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Fractions, Averages, and Graphs
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Project: Graph

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MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Reading Bar Graphs and Line Graphs
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Reading Picture and Circle Graphs
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Time Zones
MA.6.4.2.3.a	Use both everyday and mathematical language and notation to explain, defend, or present mathematical ideas, facts, procedures or strategies appropriate for a given audience or purpose.	Time Zones
MA.6.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Equations Using Percents
MA.6.5.1.2.b	Explain how two or more different models represent the same mathematical idea.	Time Zones
MA.6.5.3.1.b	Describe situations in which mathematics can be used to solve problems with implications in a classroom or school.	Equations Using Percents
Grade:	Grade 7	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Grade 6	
Section	Description	Lesson Title
MA.6.6.1.A	Compare and order non-negative fractions, decimals, and integers using the number line, lists, and the symbols $<$, $>$, or $=$.	Comparing Decimal Numbers
MA.6.6.1.A	Compare and order non-negative fractions, decimals, and integers using the number line, lists, and the symbols $<$, $>$, or $=$.	Comparing Fractions
MA.6.6.1.A	Compare and order non-negative fractions, decimals, and integers using the number line, lists, and the symbols $<$, $>$, or $=$.	Reading and Comparing Numbers
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Dividing Decimals
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Dividing Decimals and Rounding Numbers
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Dividing Decimals with Remainders

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MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Dividing Fractions
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Dividing Fractions and Whole Numbers
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Multiplying Decimals
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Multiplying Decimals
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Multiplying Fractions
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Multiplying and Dividing Decimals
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Perimeter, Area, and Volume (1)
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Review: Adding and Subtracting Decimals
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Review: Dividing Fractions and Whole and Mixed Numbers (1)
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Review: Dividing Fractions and Whole and Mixed Numbers (2)
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Review: Division
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Review: Multiplying Decimals
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Dividing Decimals
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Dividing Decimals
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Dividing Decimals and Rounding Numbers

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MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Dividing Decimals with Remainders
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Dividing Fractions
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Dividing Fractions and Whole Numbers
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Estimating Quotients (2)
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Estimating Sums and Differences (1)
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Estimating Sums and Differences (2)
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Multiplying Decimals
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Multiplying Decimals
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Multiplying Fractions
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Multiplying and Dividing Decimals
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Review: Adding and Subtracting Decimals
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Review: Dividing Fractions and Whole and Mixed Numbers (1)
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Review: Dividing Fractions and Whole and Mixed Numbers (2)
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Review: Division
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Review: Multiplying Decimals
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Dividing Fractions
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Dividing Fractions and Whole Numbers
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Multiplying Fractions
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Operations and Their Opposites
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Review: Dividing Fractions and Whole and Mixed Numbers (1)
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Review: Dividing Fractions and Whole and Mixed Numbers (2)
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Dividing Decimals
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Dividing Decimals and Rounding Numbers
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Dividing Decimals with Remainders

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MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Dividing Whole and Decimal Numbers by Powers of Ten
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Division of Whole Numbers (1)
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Division of Whole Numbers (2)
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Multiplication of Whole Numbers
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Multiplying Decimals
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Multiplying Decimals
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Multiplying and Dividing Decimals
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Multiplying and Dividing Whole Numbers
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Review: Adding and Subtracting Decimals
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Review: Division
MA.6.6.1.E	Multiply and divide whole numbers and decimals by 1000, 100, 10, 1, 0.1, 0.01, and 0.001.	Review: Multiplying Decimals
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Dividing Decimals
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Dividing Decimals and Rounding Numbers
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Dividing Decimals with Remainders
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Multiplying Decimals
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Multiplying Decimals
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Multiplying and Dividing Decimals
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Review: Adding and Subtracting Decimals
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Review: Division
MA.6.6.1.F	Fluently and accurately multiply and divide non-negative decimals.	Review: Multiplying Decimals
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Dividing Decimals
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Dividing Decimals and Rounding Numbers
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Dividing Decimals with Remainders
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Dividing Whole and Decimal Numbers by Powers of Ten

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MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Multiplying Decimals
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Multiplying Whole and Decimal Numbers by Powers of Ten
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Multiplying and Dividing Whole Numbers
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Properties of Multiplication
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Review: Adding and Subtracting Decimals
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Review: Multiplying Decimals
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Ways of Looking at Numbers
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Calculator Practice: Basic Operations (1)
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Dividing Mixed Numbers
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Equations Using Percents
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Estimating
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Estimating Sums and Differences (3)
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Proper, Improper, and Mixed Fractions
MA.6.6.2.A	Write a mathematical expression or equation with variables to represent information in a table or given situation.	Equations Using Multiplication and Division
MA.6.6.2.A	Write a mathematical expression or equation with variables to represent information in a table or given situation.	Introduction to Equations
MA.6.6.2.B	Draw a first-quadrant graph in the coordinate plane to represent information in a table or given situation.	Coordinate Graphs
MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	Properties of Addition and Multiplication
MA.6.6.2.E	Solve one-step equations and verify solutions.	Equations Using Multiplication and Division
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Calculator Practice: Basic Operations (1)

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MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Equations Using Percents
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Estimating
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Estimating Sums and Differences (3)
MA.6.6.3.A	Identify and write ratios as comparisons of part-to-part and part-to-whole relationships.	Ratios and Division of Decimals
MA.6.6.3.B	Write ratios to represent a variety of rates.	Ratios and Division of Decimals
MA.6.6.3.C	Represent percents visually and numerically, and convert between the fractional, decimal, and percent representations of a number.	Converting Fractions and Decimals
MA.6.6.3.C	Represent percents visually and numerically, and convert between the fractional, decimal, and percent representations of a number.	Converting Fractions to Decimals
MA.6.6.3.C	Represent percents visually and numerically, and convert between the fractional, decimal, and percent representations of a number.	Converting Fractions to Decimals to Percents
MA.6.6.3.C	Represent percents visually and numerically, and convert between the fractional, decimal, and percent representations of a number.	Introduction to Percents
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Calculator Practice: Basic Operations (1)
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Equations Using Percents
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Estimating
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Estimating Sums and Differences (3)
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Problem Solving
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Problem Solving
MA.6.6.3.E	Identify the ratio of the circumference to the diameter of a circle as the constant pi , and recognize $\frac{22}{7}$ and 3.14 as common approximations of pi.	Ratios and Division of Decimals
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	Prediction and Probability
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	Ratios
MA.6.6.4.A	Determine the circumference and area of circles.	Circles
MA.6.6.4.B	Determine the perimeter and area of a composite figure that can be divided into triangles, rectangles, and parts of circles.	Circles
MA.6.6.4.B	Determine the perimeter and area of a composite figure that can be divided into triangles, rectangles, and parts of circles.	Perimeter, Area, and Volume (1)
MA.6.6.4.B	Determine the perimeter and area of a composite figure that can be divided into triangles, rectangles, and parts of circles.	Triangles

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MA.6.6.4.B	Determine the perimeter and area of a composite figure that can be divided into triangles, rectangles, and parts of circles.	Two- and Three- Dimensional Shapes
MA.6.6.4.C	Solve single- and multi-step word problems involving the relationships among radius, diameter, circumference, and area of circles, and verify the solutions.	Calculator Practice: Basic Operations (1)
MA.6.6.4.C	Solve single- and multi-step word problems involving the relationships among radius, diameter, circumference, and area of circles, and verify the solutions.	Circles
MA.6.6.4.C	Solve single- and multi-step word problems involving the relationships among radius, diameter, circumference, and area of circles, and verify the solutions.	Equations Using Percents
MA.6.6.4.C	Solve single- and multi-step word problems involving the relationships among radius, diameter, circumference, and area of circles, and verify the solutions.	Estimating
MA.6.6.4.C	Solve single- and multi-step word problems involving the relationships among radius, diameter, circumference, and area of circles, and verify the solutions.	Estimating Sums and Differences (3)
MA.6.6.5.A	Use strategies for mental computations with non-negative whole numbers, fractions, and decimals.	Basic Mathematical Operations
MA.6.6.5.A	Use strategies for mental computations with non-negative whole numbers, fractions, and decimals.	Dividing Mixed Numbers
MA.6.6.5.A	Use strategies for mental computations with non-negative whole numbers, fractions, and decimals.	Operating on Whole Numbers
MA.6.6.5.A	Use strategies for mental computations with non-negative whole numbers, fractions, and decimals.	Proper, Improper, and Mixed Fractions
MA.6.6.5.B	Locate positive and negative integers on the number line and use integers to represent quantities in various contexts.	Equations Using Percents
MA.6.6.5.C	Compare and order positive and negative integers using the number line, lists, and the symbols $<$, $>$, or $=$.	Reading and Comparing Numbers
MA.6.6.6.A	Analyze a problem situation to determine the question(s) to be answered.	Estimating Products
MA.6.6.6.A	Analyze a problem situation to determine the question(s) to be answered.	Estimating Quotients (1)
MA.6.6.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem.	Calculator Practice: Basic Operations (1)
MA.6.6.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem.	Equations Using Percents
MA.6.6.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem.	Estimating
MA.6.6.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem.	Estimating Sums and Differences (3)
MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Calculator Practice: Basic Operations (1)
MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Calculator Practice: Basic Operations (2)
MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Equations Using Percents

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MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Estimating
MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Estimating Sums and Differences (3)
MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Problem Solving
MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Problem Solving
MA.6.6.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem.	Problem Solving
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Calculator Practice: Basic Operations (1)
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Equations Using Percents
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Estimating
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Estimating Products
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Estimating Quotients (1)
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Estimating Sums and Differences (3)
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Prime Numbers and Prime Factors
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Problem Solving
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Problem Solving
MA.6.6.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Calculator Practice: Basic Operations (1)
MA.6.6.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Equations Using Percents
MA.6.6.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Estimating
MA.6.6.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Estimating Sums and Differences (3)

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MA.6.6.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Time Zones
MA.6.6.6.F	Apply a previously used problem-solving strategy in a new context.	Calculator Practice: Basic Operations (1)
MA.6.6.6.F	Apply a previously used problem-solving strategy in a new context.	Calculator Practice: Basic Operations (2)
MA.6.6.6.F	Apply a previously used problem-solving strategy in a new context.	Problem Solving
MA.6.6.6.F	Apply a previously used problem-solving strategy in a new context.	Problem Solving
MA.6.6.6.F	Apply a previously used problem-solving strategy in a new context.	Problem Solving
MA.6.6.6.G	Extract and organize mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Operations and Their Opposites
MA.6.6.6.G	Extract and organize mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Prediction and Probability

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Mathematics
Grade:	Grade 6
Grade:	Grade 7

Section	Description	Lesson Title
MA.7.1.1.1.a	Explain the meaning of fractions, decimals, and integers and give examples.	Comparing Fractions
MA.7.1.1.1.a	Explain the meaning of fractions, decimals, and integers and give examples.	Reducing Final Answers
MA.7.1.1.1.b	Convert between equivalent forms of fractions, decimals, or percents.	Base, Rate, and Percentage
MA.7.1.1.1.b	Convert between equivalent forms of fractions, decimals, or percents.	Converting Fractions to Decimals
MA.7.1.1.1.b	Convert between equivalent forms of fractions, decimals, or percents.	Decimals, Fractions, and Percents
MA.7.1.1.1.b	Convert between equivalent forms of fractions, decimals, or percents.	Fractions as Decimals
MA.7.1.1.1.c	Explain or demonstrate that fractions may have multiple equivalent representations.	Equivalent Fractions
MA.7.1.1.1.c	Explain or demonstrate that fractions may have multiple equivalent representations.	Proper Fractions
MA.7.1.1.1.c	Explain or demonstrate that fractions may have multiple equivalent representations.	Reducing Final Answers
MA.7.1.1.1.d	Explain or demonstrate that decimals may have multiple equivalent representations.	Reducing Final Answers
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Base, Rate, and Percentage
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Comparing Decimal Numbers
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Number Order
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Percentages and Averages
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Place Value, Order, and Rounding
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Uses of Percents
MA.7.1.1.2.b	Order decimals, fractions and/or integers based on a picture of a real world model, locations on a number line, or symbolic representation.	Comparing Decimal Numbers
MA.7.1.1.2.b	Order decimals, fractions and/or integers based on a picture of a real world model, locations on a number line, or symbolic representation.	Number Order
MA.7.1.1.2.b	Order decimals, fractions and/or integers based on a picture of a real world model, locations on a number line, or symbolic representation.	Number Sentences

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MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Base, Rate, and Percentage
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Comparing Decimal Numbers
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Number Order
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Number Sentences
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Percentages and Averages
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Place Value, Order, and Rounding
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Reducing Final Answers
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Solving for Percentages: Rate and Base
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Uses of Percents
MA.7.1.1.3.a	Use the inverse relationship between multiplication and division to simplify computations.	Decimals: Addition and Subtraction (1)
MA.7.1.1.3.a	Use the inverse relationship between multiplication and division to simplify computations.	Decimals: Addition and Subtraction (2)
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Addition and Subtraction of Fractions (3)
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Applications
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Fractions: Adding and Subtracting with Unlike Denominators (1)
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Fractions: Adding and Subtracting with Unlike Denominators (2)
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Least Common Denominators
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Problem Solving with Fractions (2)
MA.7.1.1.3.c	Use, represent, or evaluate an application of the commutative, associative, and/or identity properties of addition on non-negative decimals or fractions.	Decimals: Addition and Subtraction (1)
MA.7.1.1.3.c	Use, represent, or evaluate an application of the commutative, associative, and/or identity properties of addition on non-negative decimals or fractions.	Decimals: Addition and Subtraction (2)
MA.7.1.1.3.c	Use, represent, or evaluate an application of the commutative, associative, and/or identity properties of addition on non-negative decimals or fractions.	Properties of Addition and Multiplication
MA.7.1.1.3.d	Use, represent, or evaluate an application of the commutative, associative, identity, and/or zero properties of multiplication on non-negative decimals or fractions.	Properties of Addition and Multiplication
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Base, Rate, and Percentage

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MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Central Tendency, Ratios, and Proportions
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Percentages and Averages
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Ratios and Proportions
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Ratios and Proportions
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Review: Proportions
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Review: Ratios
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Solving for Percentages: Rate and Base
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Uses of Percents
MA.7.1.1.4.b	Express proportional relationships using objects, pictures, and symbols.	Central Tendency, Ratios, and Proportions
MA.7.1.1.4.b	Express proportional relationships using objects, pictures, and symbols.	Proportion Review
MA.7.1.1.4.b	Express proportional relationships using objects, pictures, and symbols.	Ratios and Proportions
MA.7.1.1.4.b	Express proportional relationships using objects, pictures, and symbols.	Ratios and Proportions
MA.7.1.1.4.b	Express proportional relationships using objects, pictures, and symbols.	Review: Proportions
MA.7.1.1.4.c	Complete or write a proportion for a given situation.	Central Tendency, Ratios, and Proportions
MA.7.1.1.4.c	Complete or write a proportion for a given situation.	Place Value Less Than Zero
MA.7.1.1.4.c	Complete or write a proportion for a given situation.	Ratios and Proportions
MA.7.1.1.4.c	Complete or write a proportion for a given situation.	Ratios and Proportions
MA.7.1.1.4.c	Complete or write a proportion for a given situation.	Review: Proportions
MA.7.1.1.4.d	Predict a future situation using direct proportion	Central Tendency, Ratios, and Proportions
MA.7.1.1.4.d	Predict a future situation using direct proportion	Place Value Less Than Zero
MA.7.1.1.4.d	Predict a future situation using direct proportion	Ratios and Proportions
MA.7.1.1.4.d	Predict a future situation using direct proportion	Ratios and Proportions
MA.7.1.1.4.d	Predict a future situation using direct proportion	Review: Proportions
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Base, Rate, and Percentage
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Central Tendency, Ratios, and Proportions
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Percentages and Averages
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Ratios and Proportions
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Ratios and Proportions
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Review: Ratios
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Solving for Percentages
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Uses of Percents

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MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Base, Rate, and Percentage
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Central Tendency, Ratios, and Proportions
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Percentages and Averages
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Place Value Less Than Zero
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Ratios and Proportions
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Ratios and Proportions
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Review: Proportions
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Review: Ratios
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Solving for Percentages
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Solving for Percentages: Rate and Base
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Uses of Percents
MA.7.1.1.5.a	Explain or show the meaning of addition and subtraction of integers using words, pictures, or real-world models.	Reducing Final Answers
MA.7.1.1.5.e	Explain why multiplication of fractions involves multiplying denominators while addition of fractions requires finding common denominators.	Multiplying Fractions
MA.7.1.1.5.e	Explain why multiplication of fractions involves multiplying denominators while addition of fractions requires finding common denominators.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Decimals with a Calculator
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Decimals: Division
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Decimals: Multiplication
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Decimals: Word Problems
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Dividing Fractions and Mixed Numbers
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Multiplying Fractions
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.1.1.6.c	Multiply non-negative decimals and fractions.	Decimals with a Calculator
MA.7.1.1.6.c	Multiply non-negative decimals and fractions.	Decimals: Multiplication
MA.7.1.1.6.c	Multiply non-negative decimals and fractions.	Decimals: Word Problems
MA.7.1.1.6.c	Multiply non-negative decimals and fractions.	Multiplying Fractions
MA.7.1.1.6.c	Multiply non-negative decimals and fractions.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.1.1.6.d	Divide non-negative decimal numbers by non-negative decimal numbers to the hundredths place.	Decimals with a Calculator
MA.7.1.1.6.d	Divide non-negative decimal numbers by non-negative decimal numbers to the hundredths place.	Decimals: Division

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MA.7.1.1.6.d	Divide non-negative decimal numbers by non-negative decimal numbers to the hundredths place.	Decimals: Word Problems
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Adding and Subtracting Fractions (1)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Adding and Subtracting Fractions (2)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Addition and Subtraction of Fractions (3)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Applications
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Division (1)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Division (2)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Fractions: Adding and Subtracting with Like Denominators
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Fractions: Adding and Subtracting with Unlike Denominators (1)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Fractions: Adding and Subtracting with Unlike Denominators (2)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Least Common Denominators
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Mixed Numbers: Adding and Subtracting with Like Denominators
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Mixed Numbers: Subtracting with Regrouping
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Multiplication (1)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Multiplication (2)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Ordered Pairs and Functions
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Problem Solving with Fractions (1)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Problem Solving with Fractions (2)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Properties of Addition and Multiplication
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Review: Addition with Carrying (1)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Review: Addition with Carrying (2)
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Review: Subtraction with Regrouping
MA.7.1.1.6.g	Complete multi-step calculations requiring two or more operations with non-negative decimals and fractions.	Operating on Fractions and Decimals
MA.7.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Calculators and Prime Numbers

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MA.7.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Decimals with a Calculator
MA.7.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Decimals: Addition and Subtraction (1)
MA.7.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Decimals: Addition and Subtraction (2)
MA.7.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Division, Remainders, and Your Calculator
MA.7.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Expanded and Exponential Form
MA.7.1.1.7.b	Explain why a selected strategy or tool is more efficient or more appropriate than another strategy or tool for a situation.	Functions
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Decimals with a Calculator
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Decimals: Division
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Decimals: Multiplication
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Decimals: Word Problems
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Dividing Fractions and Mixed Numbers
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Expanded and Exponential Form
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.1.1.8.a	Determine and explain when an approximation, estimation, or exact computation is appropriate and selects or illustrates a real-life situation where estimation is sufficient.	Decimals: Addition and Subtraction (1)
MA.7.1.1.8.a	Determine and explain when an approximation, estimation, or exact computation is appropriate and selects or illustrates a real-life situation where estimation is sufficient.	Decimals: Addition and Subtraction (2)
MA.7.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Decimals: Addition and Subtraction (1)

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MA.7.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Decimals: Addition and Subtraction (2)
MA.7.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Decimals: Addition and Subtraction (1)
MA.7.1.1.8.e	Explain an appropriate adjustment when an estimate and a computation do not agree.	Decimals: Addition and Subtraction (2)
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	Estimating Sums
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	Estimation Exercises
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	Estimation Word Problems
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	More Estimating
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	Operating on Fractions and Decimals
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	Reducing Final Answers
MA.7.1.2.1.a	Determine and/or describe the impact on the perimeter, circumference, and/or area of a rectangle, triangle, and/or circle caused by a change in one dimension.	Circles
MA.7.1.2.1.a	Determine and/or describe the impact on the perimeter, circumference, and/or area of a rectangle, triangle, and/or circle caused by a change in one dimension.	Geometric Properties
MA.7.1.2.1.a	Determine and/or describe the impact on the perimeter, circumference, and/or area of a rectangle, triangle, and/or circle caused by a change in one dimension.	Perimeter and Area of Triangles
MA.7.1.2.1.b	Determine and/or describe the impact on one dimension caused by a change in perimeter, circumference and/or area of a rectangle, triangle, and/or circle.	Circles
MA.7.1.2.1.b	Determine and/or describe the impact on one dimension caused by a change in perimeter, circumference and/or area of a rectangle, triangle, and/or circle.	Geometric Properties
MA.7.1.2.1.b	Determine and/or describe the impact on one dimension caused by a change in perimeter, circumference and/or area of a rectangle, triangle, and/or circle.	Perimeter and Area of Triangles
MA.7.1.2.3.a	Identify, describe, or explain how the unit selected for a situation can affect the precision of the measurement.	Reducing Final Answers
MA.7.1.2.3.b	Explain why measurement systems have different size units and how that allows for different levels of precision.	Reducing Final Answers
MA.7.1.2.3.c	Convert between units within a system to demonstrate understanding of the precision required.	Metric Measurement
MA.7.1.2.5.a	Use formulas to determine and label missing measurements for circles, including radius, diameter, circumference, and area, in given situations.	Circles
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Formula Review
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Formulas: From Interest to Miles per Gallon
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Geometric Properties

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MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Hexagons
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Parallelograms, Trapezoids, and Formulas
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Perimeter and Area of Squares and Rectangles
MA.7.1.2.5.d	Demonstrate or explain how to use a formula for finding the area and circumference of a circle.	Circles
MA.7.1.2.6.a	Describe situations in which estimated measures are sufficient.	Place Value Less Than Zero
MA.7.1.2.6.b	Estimate and label circle, right triangle, and rectangular prism measurements.	Triangle Terms
MA.7.1.2.6.c	Use common approximations of pi to estimate and label the circumference and the area of circles.	Circles
MA.7.1.2.6.c	Use common approximations of pi to estimate and label the circumference and the area of circles.	Geometric Properties
MA.7.1.2.6.d	Use or describe a process to find a reasonable estimate of measurements.	Reducing Final Answers
MA.7.1.2.6.e	Explain why estimation or precise measurement is appropriate in a given situation.	Reducing Final Answers
MA.7.1.3.1.a	Identify or describe congruence in figures.	Reducing Final Answers
MA.7.1.3.1.b	Explain how two figures are similar and/or congruent using definitions or real-world examples.	Similar Figures and Scale Drawings
MA.7.1.3.1.c	Produce a sample scale drawing and explains how it is an example of similarity.	Reducing Final Answers
MA.7.1.3.1.c	Produce a sample scale drawing and explains how it is an example of similarity.	Similar Figures and Scale Drawings
MA.7.1.3.1.d	Use mathematical conventions to label vertices, line segments, and angles.	Introduction to Lines, and Angles
MA.7.1.3.2.a	Sort, classify, and label circles according to their properties.	Using a Protractor
MA.7.1.3.2.c	Draw rectangular prisms and circles with specified properties.	Using a Protractor
MA.7.1.3.2.d	Explain and use the relationship between radius, diameter, and circumference.	Circles
MA.7.1.3.2.d	Explain and use the relationship between radius, diameter, and circumference.	Geometric Properties
MA.7.1.3.2.f	Sort, classify, and label figures according to their geometric properties.	Using a Protractor
MA.7.1.3.3.a	Plot and label ordered pairs in any of the four quadrants.	Coordinate Graphs
MA.7.1.3.3.a	Plot and label ordered pairs in any of the four quadrants.	Number Patterns and Ordered Pairs
MA.7.1.4.1.a	Determine and explain when events are mutually exclusive.	Reducing Final Answers
MA.7.1.4.1.b	Determine and explain when events are complementary.	Reducing Final Answers
MA.7.1.4.1.c	Identify or explain when events are complementary, mutually exclusive, or neither.	Reducing Final Answers
MA.7.1.4.3.b	Identify a population sample, and collects data from the selected population for an intended purpose.	Introduction to Statistics
MA.7.1.4.3.d	Determine whether collected data provides useful information for the stated purpose.	Introduction to Statistics

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MA.7.1.4.3.d	Determine whether collected data provides useful information for the stated purpose.	Sets
MA.7.1.4.3.e	Describe how to collect data about a given population.	Introduction to Statistics
MA.7.1.4.3.e	Describe how to collect data about a given population.	Reducing Final Answers
MA.7.1.4.4.a	Explain the effects of extreme values on the mean of a set of data.	Central Tendency, Ratios, and Proportions
MA.7.1.4.4.a	Explain the effects of extreme values on the mean of a set of data.	Different Types of Statistics
MA.7.1.4.4.a	Explain the effects of extreme values on the mean of a set of data.	Measures of Central Tendency: Mean and Range
MA.7.1.4.4.b	Describe how additional data added to data sets may affect the measures of central tendency.	Sets
MA.7.1.4.4.c	Explain the relationship between the range and measures of central tendency.	Central Tendency, Ratios, and Proportions
MA.7.1.4.4.c	Explain the relationship between the range and measures of central tendency.	Different Types of Statistics
MA.7.1.4.4.c	Explain the relationship between the range and measures of central tendency.	Measures of Central Tendency: Mean and Range
MA.7.1.4.4.d	Complete a set of data based on a given mean, median, or mode and a partial set of data.	Central Tendency, Ratios, and Proportions
MA.7.1.4.4.d	Complete a set of data based on a given mean, median, or mode and a partial set of data.	Different Types of Statistics
MA.7.1.4.4.d	Complete a set of data based on a given mean, median, or mode and a partial set of data.	Measures of Central Tendency: Mean and Range
MA.7.1.4.4.d	Complete a set of data based on a given mean, median, or mode and a partial set of data.	Measures of Central Tendency: Mode and Median
MA.7.1.4.4.d	Complete a set of data based on a given mean, median, or mode and a partial set of data.	Sets
MA.7.1.4.4.e	Explain why the mean, median, and mode may not be the same and what each indicates as a measure of central tendency in a given situation.	Central Tendency, Ratios, and Proportions
MA.7.1.4.4.e	Explain why the mean, median, and mode may not be the same and what each indicates as a measure of central tendency in a given situation.	Different Types of Statistics
MA.7.1.4.4.e	Explain why the mean, median, and mode may not be the same and what each indicates as a measure of central tendency in a given situation.	Measures of Central Tendency: Mean and Range
MA.7.1.4.4.e	Explain why the mean, median, and mode may not be the same and what each indicates as a measure of central tendency in a given situation.	Measures of Central Tendency: Mode and Median
MA.7.1.4.4.e	Explain why the mean, median, and mode may not be the same and what each indicates as a measure of central tendency in a given situation.	Reducing Final Answers
MA.7.1.4.4.f	Determine and/or use the mean, median, mode, and/or range for a set of data.	Central Tendency, Ratios, and Proportions
MA.7.1.4.4.f	Determine and/or use the mean, median, mode, and/or range for a set of data.	Different Types of Statistics
MA.7.1.4.4.f	Determine and/or use the mean, median, mode, and/or range for a set of data.	Measures of Central Tendency: Mean and Range
MA.7.1.4.4.f	Determine and/or use the mean, median, mode, and/or range for a set of data.	Measures of Central Tendency: Mode and Median
MA.7.1.4.4.f	Determine and/or use the mean, median, mode, and/or range for a set of data.	Sets

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MA.7.1.4.5.a	Describe the accuracy and completeness of the data in a Venn diagram, stem-and-leaf plot, box-and-whisker plot, and/or scatter plot.	Introduction to Statistics
MA.7.1.4.5.a	Describe the accuracy and completeness of the data in a Venn diagram, stem-and-leaf plot, box-and-whisker plot, and/or scatter plot.	Sets
MA.7.1.4.5.a	Describe the accuracy and completeness of the data in a Venn diagram, stem-and-leaf plot, box-and-whisker plot, and/or scatter plot.	Venn Diagrams
MA.7.1.4.5.b	Read and interpret the data in Venn Diagrams, stem-and-leaf plots, box-and-whisker- plots, and/or scatter plots.	Introduction to Statistics
MA.7.1.4.5.b	Read and interpret the data in Venn Diagrams, stem-and-leaf plots, box-and-whisker- plots, and/or scatter plots.	Sets
MA.7.1.4.5.b	Read and interpret the data in Venn Diagrams, stem-and-leaf plots, box-and-whisker- plots, and/or scatter plots.	Venn Diagrams
MA.7.1.4.5.c	Select and explain which graph type is the most appropriate representation for a given set of data.	Reducing Final Answers
MA.7.1.4.5.d	Interpret and describe trends and patterns represented in data and data displays.	Reducing Final Answers
MA.7.1.4.5.e	Explain statistical information, including median, range, inter-quartile range, for a given box-and-whisker plot.	Central Tendency, Ratios, and Proportions
MA.7.1.4.5.e	Explain statistical information, including median, range, inter-quartile range, for a given box-and-whisker plot.	Different Types of Statistics
MA.7.1.4.5.e	Explain statistical information, including median, range, inter-quartile range, for a given box-and-whisker plot.	Measures of Central Tendency: Mean and Range
MA.7.1.4.5.e	Explain statistical information, including median, range, inter-quartile range, for a given box-and-whisker plot.	Measures of Central Tendency: Mode and Median
MA.7.1.4.5.e	Explain statistical information, including median, range, inter-quartile range, for a given box-and-whisker plot.	Reducing Final Answers
MA.7.1.4.6.a	Explain how the same set of data can support different points of view.	Reducing Final Answers
MA.7.1.4.6.a	Explain how the same set of data can support different points of view.	Sets
MA.7.1.4.6.b	Explain how data have been used or misused to support a point of view.	Sets
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Division 3
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Functions
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Introductory Review(1)
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Number Patterns and Ordered Pairs
MA.7.1.5.1.e	Describe the relationship between a term in a sequence and its position in the sequence.	Reducing Final Answers
MA.7.1.5.1.f	Identify patterns that are linear relations and provides missing terms in the beginning, middle, and/or end of the pattern.	Introductory Review(1)
MA.7.1.5.1.f	Identify patterns that are linear relations and provides missing terms in the beginning, middle, and/or end of the pattern.	Number Patterns and Ordered Pairs

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MA.7.1.5.3.a	Express relationships between quantities including integers, and non-negative decimals and fractions using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Comparing Decimal Numbers
MA.7.1.5.3.a	Express relationships between quantities including integers, and non-negative decimals and fractions using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Number Order
MA.7.1.5.3.a	Express relationships between quantities including integers, and non-negative decimals and fractions using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Number Sentences
MA.7.1.5.3.b	Describe a situation represented by an equation or inequality involving integers and/or non-negative decimals and fractions.	Comparing Fractions
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	Comparing Fractions
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	Decimal Number System
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	Expanded and Exponential Form
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	Introductory Review (2)
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	Place Value Less Than Zero
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	Place Value Review
MA.7.1.5.4.a	Write an expression, equation, or inequality using variables to represent a given situation.	Number Patterns and Ordered Pairs
MA.7.1.5.4.a	Write an expression, equation, or inequality using variables to represent a given situation.	Place Value Less Than Zero
MA.7.1.5.4.b	Describe a situation that corresponds to a given expression, equation, or inequality.	Place Value Less Than Zero
MA.7.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Coordinate Graphs
MA.7.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Place Value Less Than Zero
MA.7.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Division 3
MA.7.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Functions
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Number Patterns and Ordered Pairs
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Solving for Unknown Variables
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Using Formulas to Solve Problems
MA.7.1.5.5.a	Substitute non-negative rational values for variables to evaluate expressions and formulas.	Decimal Number System
MA.7.1.5.5.a	Substitute non-negative rational values for variables to evaluate expressions and formulas.	Expanded and Exponential Form

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MA.7.1.5.5.a	Substitute non-negative rational values for variables to evaluate expressions and formulas.	Introductory Review (2)
MA.7.1.5.5.a	Substitute non-negative rational values for variables to evaluate expressions and formulas.	Place Value Review
MA.7.1.5.5.a	Substitute non-negative rational values for variables to evaluate expressions and formulas.	Using Formulas to Solve Problems
MA.7.1.5.5.b	Evaluate expressions and formulas using order of operations.	Using Formulas to Solve Problems
MA.7.1.5.5.c	Write an expression with a variable that represents a given situation and determine the value of the expression given a value for the variable.	Number Patterns and Ordered Pairs
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Equations: Defining and Solving
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Isolating the Variable
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Reducing Final Answers
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Solving Equations
MA.7.2.1.1.a	Investigate a situation and determines if there is a problem to solve.	Problem Solving Strategies
MA.7.2.1.1.a	Investigate a situation and determines if there is a problem to solve.	Ratio Review
MA.7.2.1.1.a	Investigate a situation and determines if there is a problem to solve.	Reducing Fractions
MA.7.2.1.1.b	Define or clarify the question the problem presents.	Ratio Review
MA.7.2.1.1.b	Define or clarify the question the problem presents.	Reducing Fractions
MA.7.2.1.1.c	Generate questions to be answered in order to solve the problem.	Ratio Review
MA.7.2.1.1.c	Generate questions to be answered in order to solve the problem.	Reducing Fractions
MA.7.2.1.2.a	Determine what needed information is missing.	Ratio Review
MA.7.2.1.2.a	Determine what needed information is missing.	Reducing Fractions
MA.7.2.1.2.b	Differentiate between necessary and extraneous information.	Ratio Review
MA.7.2.1.2.b	Differentiate between necessary and extraneous information.	Reducing Fractions
MA.7.2.1.3.a	Determine what numbers, data, and information are known and unknown.	Ratio Review
MA.7.2.1.3.a	Determine what numbers, data, and information are known and unknown.	Reducing Fractions
MA.7.2.2.1.a	Select and use relevant data or information from the problem.	Ratio Review
MA.7.2.2.1.a	Select and use relevant data or information from the problem.	Reducing Fractions
MA.7.2.2.2.a	Select and use appropriate concepts and procedures to construct a solution.	Problem Solving Strategies
MA.7.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Problem Solving Strategies
MA.7.2.2.3.a	Select and use tools such as rulers, protractors, manipulatives, calculators, and technology to construct a solution.	Calculators and Prime Numbers

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MA.7.2.2.3.a	Select and use tools such as rulers, protractors, manipulatives, calculators, and technology to construct a solution.	Decimals with a Calculator
MA.7.2.2.3.a	Select and use tools such as rulers, protractors, manipulatives, calculators, and technology to construct a solution.	Division, Remainders, and Your Calculator
MA.7.2.2.3.b	Apply a variety of strategies and approaches.	Problem Solving Strategies
MA.7.2.2.3.b	Apply a variety of strategies and approaches.	Ratio Review
MA.7.2.2.3.b	Apply a variety of strategies and approaches.	Reducing Fractions
MA.7.2.2.3.c	Determine when an approach is unproductive and modify or try a new approach.	Ratio Review
MA.7.2.2.3.c	Determine when an approach is unproductive and modify or try a new approach.	Reducing Fractions
MA.7.2.2.4.b	Determine whether the solution is reasonable for the situation.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.2.2.4.b	Determine whether the solution is reasonable for the situation.	Ratio Review
MA.7.2.2.4.b	Determine whether the solution is reasonable for the situation.	Reducing Fractions
MA.7.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Ratio Review
MA.7.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Reducing Fractions
MA.7.2.2.4.d	Check to be certain the solution answers the question.	Ratio Review
MA.7.2.2.4.d	Check to be certain the solution answers the question.	Reducing Fractions
MA.7.3.2.1.b	Use data or examples as evidence to support or contradict a conclusion.	Sets
MA.7.3.2.2.a	Check the viability and appropriate use of a selected procedure in a given situation.	Functions
MA.7.3.3.2.a	Check for reasonableness of results in a given situation.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.3.3.2.a	Check for reasonableness of results in a given situation.	Ratio Review
MA.7.3.3.2.a	Check for reasonableness of results in a given situation.	Reducing Fractions
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Comparing Fractions
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Mixed Numbers: Adding and Subtracting with Like Denominators
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Mixed Numbers: Subtracting with Regrouping
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Multiplication (1)
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Multiplication (2)
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Review: Addition with Carrying (1)
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Review: Addition with Carrying (2)
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Review: Subtraction with Regrouping
MA.7.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Uses of Percents

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MA.7.4.1.1.b	Develop a plan, not a survey, to collect mathematical information, including what information is needed and where and how to find the information.	Introduction to Statistics
MA.7.4.1.1.d	Follow a plan, not a survey, to collect mathematical information for a given audience and purpose.	Introduction to Statistics
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Review: Types of Graphs
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Sets
MA.7.4.2.1.a	Select a useful format and organize mathematical information for a given purpose.	Introduction to Statistics
MA.7.4.2.2.a	Represent mathematical information using tables, charts, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Expanded and Exponential Form
MA.7.4.2.2.a	Represent mathematical information using tables, charts, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Introductory Review (2)
MA.7.4.2.2.a	Represent mathematical information using tables, charts, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Place Value Review
MA.7.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Ratio Review
MA.7.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Reducing Fractions
MA.7.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Expanded and Exponential Form
MA.7.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Introductory Review (2)
MA.7.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Place Value Review
Grade:	Grade 8	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Grade 6	
Grade:	Grade 7	
Section	Description	Lesson Title
MA.7.7.1.A	Compare and order rational numbers using the number line, lists, and the symbols $<$, $>$, or $=$.	Comparing Decimal Numbers

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MA.7.7.1.A	Compare and order rational numbers using the number line, lists, and the symbols $<$, $>$, or $=$.	Place Value, Order, and Rounding
MA.7.7.1.B	Represent addition, subtraction, multiplication, and division of positive and negative integers visually and numerically.	Review: Addition with Carrying (1)
MA.7.7.1.C	Fluently and accurately add, subtract, multiply, and divide rational numbers.	Review: Addition with Carrying (1)
MA.7.7.1.E	Solve two-step linear equations.	Division, Remainders, and Your Calculator
MA.7.7.1.F	Write an equation that corresponds to a given problem situation, and describe a problem situation that corresponds to a given equation.	Applications
MA.7.7.1.F	Write an equation that corresponds to a given problem situation, and describe a problem situation that corresponds to a given equation.	Decimals: Word Problems
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Applications
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Decimal Number System
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Decimals: Word Problems
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Estimating Sums
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Estimation Exercises
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Estimation Word Problems
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Expanded and Exponential Form
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Introductory Review (2)
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	More Estimating
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Place Value Review
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Ratio Review
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Reducing Fractions
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Base, Rate, and Percentage
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Decimals with a Calculator
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Decimals: Addition and Subtraction (1)
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Decimals: Addition and Subtraction (2)
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Decimals: Division
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Decimals: Multiplication
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Decimals: Word Problems

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MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Dividing Fractions and Mixed Numbers
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Expanded and Exponential Form
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Multiplying Fractions
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Percentages and Averages
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Review: Addition with Carrying (1)
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Solving for Percentages
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Solving for Percentages: Rate and Base
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Uses of Percents
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	Division, Remainders, and Your Calculator
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	Estimating Sums
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	Estimation Exercises
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	Estimation Word Problems
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	More Estimating
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	Ratio Review
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	Reducing Fractions
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Central Tendency, Ratios, and Proportions
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Proportion Review
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Reducing Final Answers
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Similar Figures and Scale Drawings
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Using a Protractor
MA.7.7.2.D	Make scale drawings and solve problems related to scale.	Using a Protractor
MA.7.7.2.E	Represent proportional relationships using graphs, tables, and equations, and make connections among the representations.	Division 3
MA.7.7.2.E	Represent proportional relationships using graphs, tables, and equations, and make connections among the representations.	Functions
MA.7.7.2.E	Represent proportional relationships using graphs, tables, and equations, and make connections among the representations.	Proportion Review

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MA.7.7.2.F	Determine the slope of a line corresponding to the graph of a proportional relationship and relate slope to similar triangles.	Central Tendency, Ratios, and Proportions
MA.7.7.2.F	Determine the slope of a line corresponding to the graph of a proportional relationship and relate slope to similar triangles.	Proportion Review
MA.7.7.2.F	Determine the slope of a line corresponding to the graph of a proportional relationship and relate slope to similar triangles.	Ratios and Proportions
MA.7.7.2.F	Determine the slope of a line corresponding to the graph of a proportional relationship and relate slope to similar triangles.	Review: Proportions
MA.7.7.2.F	Determine the slope of a line corresponding to the graph of a proportional relationship and relate slope to similar triangles.	Review: Types of Graphs
MA.7.7.2.G	Determine the unit rate in a proportional relationship and relate it to the slope of the associated line.	Proportion Review
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Customary Units of Measure
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Division, Remainders, and Your Calculator
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Estimating Sums
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Estimation Exercises
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Estimation Word Problems
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Metric Measurement
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	More Estimating
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Ratio Review
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Reducing Fractions
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Geometric Properties
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Perimeter and Area of Triangles

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MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Applications
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Decimals: Word Problems
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Estimating Sums
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Estimation Exercises
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Estimation Word Problems
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	More Estimating
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Ratio Review
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Reducing Fractions
MA.7.7.4.C	Describe a data set using measures of center (median, mean, and mode) and variability (maximum, minimum, and range) and evaluate the suitability and limitations of using each measure for different situations.	Central Tendency, Ratios, and Proportions
MA.7.7.4.C	Describe a data set using measures of center (median, mean, and mode) and variability (maximum, minimum, and range) and evaluate the suitability and limitations of using each measure for different situations.	Different Types of Statistics
MA.7.7.4.C	Describe a data set using measures of center (median, mean, and mode) and variability (maximum, minimum, and range) and evaluate the suitability and limitations of using each measure for different situations.	Measures of Central Tendency: Mean and Range
MA.7.7.4.C	Describe a data set using measures of center (median, mean, and mode) and variability (maximum, minimum, and range) and evaluate the suitability and limitations of using each measure for different situations.	Measures of Central Tendency: Mode and Median
MA.7.7.4.D	Construct and interpret histograms, stem-and-leaf plots, and circle graphs.	Review: Types of Graphs
MA.7.7.4.D	Construct and interpret histograms, stem-and-leaf plots, and circle graphs.	Sets
MA.7.7.4.E	Evaluate different displays of the same data for effectiveness and bias, and explain reasoning.	Functions
MA.7.7.4.E	Evaluate different displays of the same data for effectiveness and bias, and explain reasoning.	Review: Types of Graphs
MA.7.7.5.A	Graph ordered pairs of rational numbers and determine the coordinates of a given point in the coordinate plane.	Coordinate Graphs
MA.7.7.5.A	Graph ordered pairs of rational numbers and determine the coordinates of a given point in the coordinate plane.	Decimal Number System
MA.7.7.5.A	Graph ordered pairs of rational numbers and determine the coordinates of a given point in the coordinate plane.	Expanded and Exponential Form
MA.7.7.5.A	Graph ordered pairs of rational numbers and determine the coordinates of a given point in the coordinate plane.	Introductory Review (2)
MA.7.7.5.A	Graph ordered pairs of rational numbers and determine the coordinates of a given point in the coordinate plane.	Number Patterns and Ordered Pairs
MA.7.7.5.A	Graph ordered pairs of rational numbers and determine the coordinates of a given point in the coordinate plane.	Place Value Review
MA.7.7.5.B	Write the prime factorization of whole numbers greater than 1, using exponents when appropriate.	Decimal Number System

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MA.7.7.5.B	Write the prime factorization of whole numbers greater than 1, using exponents when appropriate.	Divisibility Rules and Factor Trees
MA.7.7.5.B	Write the prime factorization of whole numbers greater than 1, using exponents when appropriate.	Number Systems and Factorization
MA.7.7.5.B	Write the prime factorization of whole numbers greater than 1, using exponents when appropriate.	Place Value Less Than Zero
MA.7.7.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem	Estimating Sums
MA.7.7.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem	Estimation Exercises
MA.7.7.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem	Estimation Word Problems
MA.7.7.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem	More Estimating
MA.7.7.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem	Ratio Review
MA.7.7.6.B	Identify relevant, missing, and extraneous information related to the solution to a problem	Reducing Fractions
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	Estimating Sums
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	Estimation Exercises
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	Estimation Word Problems
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	More Estimating
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	Perimeter and Area of Triangles
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	Problem Solving Strategies
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	Ratio Review
MA.7.7.6.C	Analyze and compare mathematical strategies for solving problems, and select and use one or more strategies to solve a problem	Reducing Fractions
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Calculators and Prime Numbers
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Estimating Sums
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Estimation Exercises
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Estimation Word Problems

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MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	More Estimating
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Perimeter and Area of Triangles
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Problem Solving: Multiplication, Division, and Reasonable Answers
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Ratio Review
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Reducing Fractions
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Estimating Sums
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Estimation Exercises
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Estimation Word Problems
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	More Estimating
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Ratio Review
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Reducing Fractions
MA.7.7.6.F	Apply a previously used problem-solving strategy in a new context.	Estimating Sums
MA.7.7.6.F	Apply a previously used problem-solving strategy in a new context.	Estimation Exercises
MA.7.7.6.F	Apply a previously used problem-solving strategy in a new context.	Estimation Word Problems
MA.7.7.6.F	Apply a previously used problem-solving strategy in a new context.	More Estimating
MA.7.7.6.F	Apply a previously used problem-solving strategy in a new context.	Problem Solving Strategies
MA.7.7.6.F	Apply a previously used problem-solving strategy in a new context.	Ratio Review
MA.7.7.6.F	Apply a previously used problem-solving strategy in a new context.	Reducing Fractions
MA.7.7.6.G	Extract and organize mathematical information from symbols, diagrams, and graphs to make inferences, draw conclusions, and justify reasoning.	Functions
MA.7.7.6.H	Make and test conjectures based on data (or information) collected from explorations and experiments.	Introduction to Statistics

**Alignment Report for Pre-algebra
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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grade 6	
Section	Description	Lesson Title
MA.6.1.1.1.a	Explain or illustrate integer values using words, pictures, models, and symbols.	Addition of Integers
MA.6.1.1.1.b	Explain the meaning of integers and gives examples.	Addition of Integers
MA.6.1.1.1.c	Locate the additive inverse of a given integer on a number line.	The Number Line
MA.6.1.1.2.a	Order different representations of fractions, decimals, and/or percents.	Comparing Rational Numbers
MA.6.1.1.2.a	Order different representations of fractions, decimals, and/or percents.	Fraction, Percent, and Decimal Equivalents
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Comparing Rational Numbers
MA.6.1.1.2.b	Show and determine equivalence between non-negative integers, fractions, decimals, and percents using words, pictures, models, and symbols.	Fraction, Percent, and Decimal Equivalents
MA.6.1.1.2.c	Order integers, fractions, decimals, and/or percents and explain why one number is greater than, less than, or equal to another.	Comparing Rational Numbers
MA.6.1.1.2.c	Order integers, fractions, decimals, and/or percents and explain why one number is greater than, less than, or equal to another.	Fraction, Percent, and Decimal Equivalents
MA.6.1.1.2.d	Explain when a fraction, decimal, or percent of one whole is not the same as the same fraction, decimal, or percent of a different whole.	Applications
MA.6.1.1.2.d	Explain when a fraction, decimal, or percent of one whole is not the same as the same fraction, decimal, or percent of a different whole.	More Applications
MA.6.1.1.2.d	Explain when a fraction, decimal, or percent of one whole is not the same as the same fraction, decimal, or percent of a different whole.	Solving Percent Problems
MA.6.1.1.3.a	Illustrate and explain the commutative, associative, and identity properties of addition and multiplication and the zero property of multiplication on non-negative decimals and fractions.	Properties of the Real Numbers
MA.6.1.1.3.b	Use addition and multiplication properties to assist in computations.	One-Step Equations
MA.6.1.1.3.b	Use addition and multiplication properties to assist in computations.	Properties of the Real Numbers
MA.6.1.1.3.c	Determine whether a computation is reasonable based on application of the commutative, associative, and identity properties of addition and/or multiplication.	One-Step Equations
MA.6.1.1.3.c	Determine whether a computation is reasonable based on application of the commutative, associative, and identity properties of addition and/or multiplication.	Properties of the Real Numbers
MA.6.1.1.4.a	Write or show and explain ratios in part/part and part/whole relationships using words, objects, pictures, models, and/or symbols.	Proportions
MA.6.1.1.4.b	Represent equivalent ratios using objects, pictures, or symbols.	Proportions

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MA.6.1.1.4.c	Represent equivalent percentages using objects, pictures, and symbols.	Applications
MA.6.1.1.4.c	Represent equivalent percentages using objects, pictures, and symbols.	More Applications
MA.6.1.1.4.c	Represent equivalent percentages using objects, pictures, and symbols.	Solving Percent Problems
MA.6.1.1.4.d	Express or represent percent as a ratio based on 100 equal size parts of a set.	Applications
MA.6.1.1.4.d	Express or represent percent as a ratio based on 100 equal size parts of a set.	Applications
MA.6.1.1.4.d	Express or represent percent as a ratio based on 100 equal size parts of a set.	More Applications
MA.6.1.1.4.d	Express or represent percent as a ratio based on 100 equal size parts of a set.	Solving Percent Problems
MA.6.1.1.4.e	Explain ratio and percents and give examples of each.	Applications
MA.6.1.1.4.e	Explain ratio and percents and give examples of each.	Applications
MA.6.1.1.4.e	Explain ratio and percents and give examples of each.	More Applications
MA.6.1.1.4.e	Explain ratio and percents and give examples of each.	Proportions
MA.6.1.1.4.e	Explain ratio and percents and give examples of each.	Solving Percent Problems
MA.6.1.1.4.f	Create a ratio equivalent to a given ratio to determine an unknown value for a dimension or a number of events or objects.	Applications
MA.6.1.1.4.f	Create a ratio equivalent to a given ratio to determine an unknown value for a dimension or a number of events or objects.	Proportions
MA.6.1.1.5.a	Explain or show the meaning of multiplying and dividing non-negative fractions and decimals using words, pictures, or models.	Multiplying and Dividing Rational Numbers 1
MA.6.1.1.5.d	Demonstrate how multiplication and division with decimals affects place value.	Multiplying and Dividing Rational Numbers 2
MA.6.1.1.5.g	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of non-negative rational numbers.	Adding and Subtracting Rational Numbers
MA.6.1.1.5.g	Select and/or use an appropriate operation to show understanding of addition, subtraction, multiplication, or division of non-negative rational numbers.	Multiplying and Dividing Rational Numbers 1
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Adding and Subtracting Rational Numbers
MA.6.1.1.6.a	Find the sums or differences of non-negative fractions or decimals.	Proper Fractions
MA.6.1.1.6.b	Find sums or differences of decimals or fractions in real-world situations.	Adding and Subtracting Rational Numbers
MA.6.1.1.6.b	Find sums or differences of decimals or fractions in real-world situations.	Proper Fractions
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Number Theory
MA.6.1.1.6.c	Use the least common multiple and the greatest common factor of whole numbers to simplify or compute with fractions.	Proper Fractions
MA.6.1.1.6.e	Calculate difference between numbers with decimals to thousandths.	Adding and Subtracting Rational Numbers
MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Adding and Subtracting Rational Numbers

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MA.6.1.1.8.b	Use a variety of estimation strategies prior to computation to predict an answer.	Multiplying and Dividing Rational Numbers 1
MA.6.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	One-Step Equations 1
MA.6.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	One-Step Equations 2
MA.6.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	Problem Solving with Rational Numbers
MA.6.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	Two-Step Equations
MA.6.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	One-Step Equations 1
MA.6.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	One-Step Equations 2
MA.6.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Problem Solving with Rational Numbers
MA.6.1.1.8.f	Explain or describe a strategy for estimation involving addition and subtraction of non-negative decimals and fractions.	Adding and Subtracting Rational Numbers
MA.6.1.2.1.a	Represent the volume for given rectangular prisms using pictures or models.	Changes in Volume
MA.6.1.2.1.a	Represent the volume for given rectangular prisms using pictures or models.	Volume of Rectangular Prisms
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Changes in Volume
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Surface Area of Composite Figures
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Surface Area of Cylinders
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Surface Area of Pyramids and Cones
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Surface Area of Rectangular Prisms
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Surface Area of Triangular Prisms
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Volume of Composite Figures
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Volume of Cones
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Volume of Cylinders
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Volume of Pyramids
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Volume of Rectangular Prisms
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Volume of Spheres
MA.6.1.2.1.b	Describe and provide examples of surface area and volume.	Volume of Triangular Prisms
MA.6.1.2.1.c	Explain and give examples of how area and surface area are related.	Surface Area of Composite Figures
MA.6.1.2.1.c	Explain and give examples of how area and surface area are related.	Surface Area of Cylinders

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MA.6.1.2.1.c	Explain and give examples of how area and surface area are related.	Surface Area of Pyramids and Cones
MA.6.1.2.1.d	Describe the relationship between surface area and volume of a rectangular prism.	Surface Area of Composite Figures
MA.6.1.2.1.d	Describe the relationship between surface area and volume of a rectangular prism.	Volume of Rectangular Prisms
MA.6.1.2.1.e	Label measurements of rectangular prisms to show understanding of the relationships among linear dimensions, surface area, and volume of rectangular prisms.	Surface Area of Rectangular Prisms
MA.6.1.2.1.e	Label measurements of rectangular prisms to show understanding of the relationships among linear dimensions, surface area, and volume of rectangular prisms.	Volume of Composite Figures
MA.6.1.2.1.e	Label measurements of rectangular prisms to show understanding of the relationships among linear dimensions, surface area, and volume of rectangular prisms.	Volume of Rectangular Prisms
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Area of Parallelograms
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Changes in Volume
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Volume of Composite Figures
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Volume of Cones
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Volume of Cylinders
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Volume of Pyramids
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Volume of Rectangular Prisms
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Volume of Spheres
MA.6.1.2.2.a	Select appropriate units for area and volume in given situations.	Volume of Triangular Prisms
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Changes in Volume
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Volume of Composite Figures
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Volume of Cylinders
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Volume of Pyramids
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Volume of Rectangular Prisms
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Volume of Spheres
MA.6.1.2.2.b	Explain why volume is measured in cubic units.	Volume of Triangular Prisms
MA.6.1.2.2.c	Explain how the selected unit of length affects the size of cubic units.	Changes in Volume
MA.6.1.2.2.c	Explain how the selected unit of length affects the size of cubic units.	Volume of Composite Figures
MA.6.1.2.2.c	Explain how the selected unit of length affects the size of cubic units.	Volume of Rectangular Prisms
MA.6.1.2.2.c	Explain how the selected unit of length affects the size of cubic units.	Volume of Spheres
MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Volume of Composite Figures

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MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Volume of Cones
MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Volume of Cylinders
MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Volume of Pyramids
MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Volume of Rectangular Prisms
MA.6.1.2.2.d	Explain why area is measured in square units and volume is measured in cubic units.	Volume of Spheres
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Area of Parallelograms
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Changes in Volume
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Volume of Composite Figures
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Volume of Cones
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Volume of Pyramids
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Volume of Rectangular Prisms
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Volume of Spheres
MA.6.1.2.4.b	Select and describe the appropriate units and/or tools for measuring length, area, and/or volume.	Volume of Triangular Prisms
MA.6.1.2.4.c	Measure the volume of rectangular prisms using manipulatives or pictures and counts the number of units as part of the measurement procedure.	Volume of Composite Figures
MA.6.1.2.4.c	Measure the volume of rectangular prisms using manipulatives or pictures and counts the number of units as part of the measurement procedure.	Volume of Rectangular Prisms
MA.6.1.2.6.b	Estimate and label volume or capacity.	Volume of Composite Figures
MA.6.1.2.6.b	Estimate and label volume or capacity.	Volume of Cones
MA.6.1.2.6.b	Estimate and label volume or capacity.	Volume of Cylinders
MA.6.1.2.6.b	Estimate and label volume or capacity.	Volume of Pyramids
MA.6.1.2.6.b	Estimate and label volume or capacity.	Volume of Rectangular Prisms
MA.6.1.2.6.b	Estimate and label volume or capacity.	Volume of Spheres
MA.6.1.2.6.b	Estimate and label volume or capacity.	Volume of Triangular Prisms
MA.6.1.2.6.c	Use estimation to determine reasonableness of a volume of a rectangular prism.	Changes in Volume
MA.6.1.2.6.c	Use estimation to determine reasonableness of a volume of a rectangular prism.	Volume of Composite Figures
MA.6.1.2.6.c	Use estimation to determine reasonableness of a volume of a rectangular prism.	Volume of Rectangular Prisms
MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Volume of Composite Figures
MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Volume of Cones
MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Volume of Cylinders
MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Volume of Pyramids

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MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Volume of Rectangular Prisms
MA.6.1.2.6.d	Describe a procedure to find a reasonable estimate of volume or capacity.	Volume of Spheres
MA.6.1.3.1.a	Describe circles or rectangular prisms using geometric properties.	Circles
MA.6.1.3.1.a	Describe circles or rectangular prisms using geometric properties.	Solid Figures
MA.6.1.3.1.a	Describe circles or rectangular prisms using geometric properties.	Surface Area of Rectangular Prisms
MA.6.1.3.1.a	Describe circles or rectangular prisms using geometric properties.	Volume of Rectangular Prisms
MA.6.1.3.1.c	Explain lines of symmetry for 2-dimensional figures including circles.	Symmetry
MA.6.1.3.2.a	Use, sort, classify, and label geometric figures in illustrations, nature, and art.	Nets
MA.6.1.3.2.a	Use, sort, classify, and label geometric figures in illustrations, nature, and art.	Solid Figures
MA.6.1.3.2.b	Sort and classify 2-dimensional shapes and/or figures according to their properties including number of sides, number of vertices, types of angles, parallel sides, perpendicular sides, symmetry, and/or congruence.	Interior and Exterior Measures of Polygons
MA.6.1.3.2.b	Sort and classify 2-dimensional shapes and/or figures according to their properties including number of sides, number of vertices, types of angles, parallel sides, perpendicular sides, symmetry, and/or congruence.	Symmetry
MA.6.1.3.2.c	Combine polygons to create a figure.	Tessellations
MA.6.1.3.2.d	Find the missing angle given two angles of a triangle.	Classifying Triangles and the Triangle Inequality Theorem
MA.6.1.3.2.e	Describe or draw lines of symmetry for angles and/or polygons.	Symmetry
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Classify and Measure Angles
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Classifying Polygons
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Interior and Exterior Measures of Polygons
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Perpendicular and Parallel Lines, Part 1
MA.6.1.3.2.f	Identify, describe, or draw angles or polygons using geometric properties.	Perpendicular and Parallel Lines, Part 2
MA.6.1.3.3.a	Plot integers and non-negative fractions and/or decimals on a number line.	Comparing Rational Numbers
MA.6.1.3.3.a	Plot integers and non-negative fractions and/or decimals on a number line.	The Number Line
MA.6.1.3.3.c	Determine and describe the distance between any two integers on a number line.	Distance and Midpoint
MA.6.1.3.3.c	Determine and describe the distance between any two integers on a number line.	The Number Line
MA.6.1.3.3.d	Describe the relative location of points and objects on a number line with both positive and negative numbers.	Comparing Rational Numbers
MA.6.1.3.3.d	Describe the relative location of points and objects on a number line with both positive and negative numbers.	The Number Line

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MA.6.1.3.3.e	Locate objects on a number line based on given numeric locations.	The Number Line
MA.6.1.3.3.f	Identify or name the location of points on a number line using coordinates or labels.	The Number Line
MA.6.1.3.4.a	Describe a 90° or 180° rotation of a figure about its center or a vertex.	Rotations
MA.6.1.3.4.b	Describe a rotation so that another person could draw it.	Rotations
MA.6.1.3.4.c	Describe whether an object has been translated or rotated on a coordinated grid.	Rotations
MA.6.1.3.4.c	Describe whether an object has been translated or rotated on a coordinated grid.	Translations
MA.6.1.3.4.e	Plot the points and write the coordinates of an object or figure that has been rotated 90°, 180°, or 270° about its center or a vertex on a coordinate grid.	Rotations
MA.6.1.4.1.a	Represent the probability of a simple event as a number between 0 and 1 inclusive.	All That's Fair In...
MA.6.1.4.1.a	Represent the probability of a simple event as a number between 0 and 1 inclusive.	Probability and Odds
MA.6.1.4.1.a	Represent the probability of a simple event as a number between 0 and 1 inclusive.	Probability of Single Events
MA.6.1.4.1.a	Represent the probability of a simple event as a number between 0 and 1 inclusive.	Simulate a Problem
MA.6.1.4.2.a	Determine the probability of a simple event as a ratio, decimal, or percent.	All That's Fair In...
MA.6.1.4.2.a	Determine the probability of a simple event as a ratio, decimal, or percent.	Probability and Odds
MA.6.1.4.2.a	Determine the probability of a simple event as a ratio, decimal, or percent.	Probability of Single Events
MA.6.1.4.2.a	Determine the probability of a simple event as a ratio, decimal, or percent.	Simulate a Problem
MA.6.1.4.2.b	Represent all possible outcomes of an experiment in a variety of ways including an organized list, a table, or a tree diagram.	Combinations
MA.6.1.4.2.b	Represent all possible outcomes of an experiment in a variety of ways including an organized list, a table, or a tree diagram.	Mixed Review
MA.6.1.4.2.b	Represent all possible outcomes of an experiment in a variety of ways including an organized list, a table, or a tree diagram.	Permutations
MA.6.1.4.2.b	Represent all possible outcomes of an experiment in a variety of ways including an organized list, a table, or a tree diagram.	Tree Diagrams and the Counting Principle
MA.6.1.4.2.d	Explain how to determine all possible outcomes of an experiment or event.	Combinations
MA.6.1.4.2.d	Explain how to determine all possible outcomes of an experiment or event.	Mixed Review
MA.6.1.4.2.d	Explain how to determine all possible outcomes of an experiment or event.	Permutations
MA.6.1.4.2.e	Create a game that is fair or unfair and explains why.	All That's Fair In...
MA.6.1.4.3.a	Describe the fairness of various data collection methods, including phone survey, web survey, and personal interview survey, in a given situation.	All That's Fair In...

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MA.6.1.4.3.a	Describe the fairness of various data collection methods, including phone survey, web survey, and personal interview survey, in a given situation.	Probability and Odds
MA.6.1.4.3.a	Describe the fairness of various data collection methods, including phone survey, web survey, and personal interview survey, in a given situation.	Probability of Single Events
MA.6.1.4.3.a	Describe the fairness of various data collection methods, including phone survey, web survey, and personal interview survey, in a given situation.	Simulate a Problem
MA.6.1.4.3.e	Select or design a sampling method based on the needed data.	Collecting Data
MA.6.1.4.4.a	Use mean, median and mode, to describe or explain a set of data in familiar and new situations	Measures of Central Tendency and Dispersion
MA.6.1.4.4.b	Determine mean, median, and mode of a set of data.	Bar Graphs
MA.6.1.4.4.b	Determine mean, median, and mode of a set of data.	Measures of Central Tendency and Dispersion
MA.6.1.4.4.c	Explain why the mean, median, and mode may not be the same for a given set of data.	Measures of Central Tendency and Dispersion
MA.6.1.4.4.d	Explain why the mean, median, or mode best describes a set of data.	Measures of Central Tendency and Dispersion
MA.6.1.4.4.e	Explain what the mean, median, and mode indicate about a set of data.	Bar Graphs
MA.6.1.4.4.e	Explain what the mean, median, and mode indicate about a set of data.	Measures of Central Tendency and Dispersion
MA.6.1.4.5.b	Read and interpret data from Venn diagrams, single line graphs, and/or histograms; and explains the use of these graphs.	Appropriate Data Displays
MA.6.1.4.5.b	Read and interpret data from Venn diagrams, single line graphs, and/or histograms; and explains the use of these graphs.	Frequency and Histograms
MA.6.1.4.5.b	Read and interpret data from Venn diagrams, single line graphs, and/or histograms; and explains the use of these graphs.	Line Graphs
MA.6.1.4.5.b	Read and interpret data from Venn diagrams, single line graphs, and/or histograms; and explains the use of these graphs.	Misleading Graphs
MA.6.1.4.5.e	Explain the completeness and accuracy of data presented in single line graphs and histograms.	Appropriate Data Displays
MA.6.1.4.5.e	Explain the completeness and accuracy of data presented in single line graphs and histograms.	Frequency and Histograms
MA.6.1.4.5.e	Explain the completeness and accuracy of data presented in single line graphs and histograms.	Line Graphs
MA.6.1.4.5.e	Explain the completeness and accuracy of data presented in single line graphs and histograms.	Misleading Graphs
MA.6.1.4.5.f	Describe trends or patterns in data represented in single line graphs and histograms.	Appropriate Data Displays
MA.6.1.4.5.f	Describe trends or patterns in data represented in single line graphs and histograms.	Frequency and Histograms
MA.6.1.4.5.f	Describe trends or patterns in data represented in single line graphs and histograms.	Line Graphs
MA.6.1.4.5.f	Describe trends or patterns in data represented in single line graphs and histograms.	Misleading Graphs
MA.6.1.5.1.a	Create a pattern and explain what makes it a pattern.	Exponential Sequences (Exponential Growth and Decay)

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MA.6.1.5.1.a	Create a pattern and explain what makes it a pattern.	Geometric Sequences
MA.6.1.5.1.a	Create a pattern and explain what makes it a pattern.	Patterns and Arithmetic Sequences
MA.6.1.5.1.a	Create a pattern and explain what makes it a pattern.	Recursive Sequence
MA.6.1.5.1.c	Identify and describe a number pattern for a given table, graph, rule, or words,	Analyzing Graphs
MA.6.1.5.1.c	Identify and describe a number pattern for a given table, graph, rule, or words,	Exponential Sequences (Exponential Growth and Decay)
MA.6.1.5.1.c	Identify and describe a number pattern for a given table, graph, rule, or words,	Geometric Sequences
MA.6.1.5.1.c	Identify and describe a number pattern for a given table, graph, rule, or words,	Patterns and Arithmetic Sequences
MA.6.1.5.1.e	Extend a pattern by supplying missing elements in the beginning, middle, and/or end of the pattern.	Patterns and Arithmetic Sequences
MA.6.1.5.2.b	Identify, describe, or write a rule for a given pattern involving two different alternating operations.	Geometric Sequences
MA.6.1.5.2.c	Create a pattern that uses the same rule as a given pattern.	Patterns and Arithmetic Sequences
MA.6.1.5.2.d	Determine a rule in order to supply missing elements in the beginning, middle, or end of a pattern or sequence.	Exponential Sequences (Exponential Growth and Decay)
MA.6.1.5.2.d	Determine a rule in order to supply missing elements in the beginning, middle, or end of a pattern or sequence.	Geometric Sequences
MA.6.1.5.2.d	Determine a rule in order to supply missing elements in the beginning, middle, or end of a pattern or sequence.	Patterns and Arithmetic Sequences
MA.6.1.5.3.a	Express relationships between quantities including non-negative fractions, decimals, percents, and integers using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Comparing Rational Numbers
MA.6.1.5.3.a	Express relationships between quantities including non-negative fractions, decimals, percents, and integers using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Fraction, Percent, and Decimal Equivalents
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Applications
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	More Applications
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	One-Step Equations 1
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	One-Step Equations 2
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	One-Step Inequalities
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Solving Percent Problems
MA.6.1.5.3.c	Write a simple equation or inequality using non-negative fractions, decimals, percents, and integers to represent a given situation.	Two-Step Inequalities

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MA.6.1.5.4.a	Translate a situation involving two arithmetic operations into algebraic form involving variables and using =, "not equal to", >, <, "less than or equal to", or "greater than or equal to".	Problem Solving
MA.6.1.5.4.c	Write an equation, expression, or inequality using a variable to represent a given situation and explains the meaning of the variable.	One-Step Equations 1
MA.6.1.5.4.c	Write an equation, expression, or inequality using a variable to represent a given situation and explains the meaning of the variable.	One-Step Equations 2
MA.6.1.5.4.c	Write an equation, expression, or inequality using a variable to represent a given situation and explains the meaning of the variable.	One-Step Inequalities
MA.6.1.5.4.c	Write an equation, expression, or inequality using a variable to represent a given situation and explains the meaning of the variable.	Two-Step Inequalities
MA.6.1.5.4.e	Explain the meaning of variables in a formula, expression, or equation.	One-Step Equations 1
MA.6.1.5.4.e	Explain the meaning of variables in a formula, expression, or equation.	One-Step Equations 2
MA.6.1.5.4.e	Explain the meaning of variables in a formula, expression, or equation.	Using Variables
MA.6.1.5.5.a	Determine the value of simple expressions and formulas using pictures and/or symbols.	Area of Triangles and Trapezoids
MA.6.1.5.5.b	Determine the value of an expression or formula by substituting non-negative values for variables.	Area of Triangles and Trapezoids
MA.6.1.5.5.b	Determine the value of an expression or formula by substituting non-negative values for variables.	Order of Operations
MA.6.1.5.5.b	Determine the value of an expression or formula by substituting non-negative values for variables.	Using Variables
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	One-Step Equations
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	One-Step Equations 1
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	One-Step Equations 2
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	Problem Solving with Rational Numbers
MA.6.1.5.6.a	Solve one-step equations involving non-negative rational numbers using manipulatives, pictures, and/or symbols.	Solving One-Step Equations
MA.6.1.5.6.b	Solve one-step single variable equations.	One-Step Equations
MA.6.1.5.6.b	Solve one-step single variable equations.	One-Step Equations 1
MA.6.1.5.6.b	Solve one-step single variable equations.	One-Step Equations 2
MA.6.1.5.6.b	Solve one-step single variable equations.	Problem Solving with Rational Numbers
MA.6.1.5.6.b	Solve one-step single variable equations.	Solving One-Step Equations
MA.6.1.5.6.c	Write and solve one-step single variable equations for a given situation.	One-Step Equations
MA.6.1.5.6.c	Write and solve one-step single variable equations for a given situation.	One-Step Equations 1
MA.6.1.5.6.c	Write and solve one-step single variable equations for a given situation.	One-Step Equations 2
MA.6.1.5.6.c	Write and solve one-step single variable equations for a given situation.	Problem Solving with Rational Numbers

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MA.6.1.5.6.c	Write and solve one-step single variable equations for a given situation.	Solving One-Step Equations
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Applications
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Combine Like Terms
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Distributive Property
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	One-Step Equations
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	One-Step Equations 1
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	One-Step Equations 2
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Problem Solving
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Solving Equations by Combining Like Terms
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Solving One-Step Equations
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Solving Two-Step Equations
MA.6.1.5.6.d	Explain or show the meaning of the solution to an equation.	Two-Step Equations
MA.6.2.2.4.b	Determine whether the solution is reasonable for the situation.	Two-Step Equations
MA.6.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Problem Solving with Rational Numbers
MA.6.3.1.1.a	Analyze mathematical information or results represented in single line graphs and scatter plots.	Appropriate Data Displays
MA.6.3.1.1.a	Analyze mathematical information or results represented in single line graphs and scatter plots.	Line Graphs
MA.6.3.1.1.a	Analyze mathematical information or results represented in single line graphs and scatter plots.	Misleading Graphs
MA.6.3.1.1.a	Analyze mathematical information or results represented in single line graphs and scatter plots.	Scatter Plots and Line of Best Fit
MA.6.3.1.1.c	Identify agreements or differences between mathematical information, diagrams, and/or pictorial representations.	Direct Variation
MA.6.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, and/or statistical data or facts.	All That's Fair In...
MA.6.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, and/or statistical data or facts.	Disjointed and Overlapping Events
MA.6.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, and/or statistical data or facts.	Independent and Dependent Events
MA.6.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, and/or statistical data or facts.	Probability and Odds
MA.6.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, and/or statistical data or facts.	Probability of Single Events

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MA.6.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, and/or statistical data or facts.	Simulate a Problem
MA.6.3.3.2.a	Check for reasonableness of results in a given situation.	Two-Step Equations
MA.6.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Geometric Sequences
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Appropriate Data Displays
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Circle Graphs
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Frequency and Histograms
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Line Graphs
MA.6.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, Venn diagrams, and/or models for a purpose.	Misleading Graphs
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Appropriate Data Displays
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Circle Graphs
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Frequency and Histograms
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Line Graphs
MA.6.4.2.2.a	Represent mathematical information using tables, charts, line graphs, circle graphs, histograms, Venn diagrams, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Misleading Graphs
MA.6.5.1.2.a	Identify mathematical models or representations that are equivalent to a given model or representation.	Direct Variation

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MA.6.5.1.2.b	Explain how two or more different models represent the same mathematical idea.	Direct Variation
MA.6.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Direct Variation
Grade:	Grade 7	
Section	Description	Lesson Title
MA.7.1.1.1.a	Explain the meaning of fractions, decimals, and integers and give examples.	Addition of Integers
MA.7.1.1.1.b	Convert between equivalent forms of fractions, decimals, or percents.	Comparing Rational Numbers
MA.7.1.1.1.b	Convert between equivalent forms of fractions, decimals, or percents.	Fraction, Percent, and Decimal Equivalents
MA.7.1.1.1.c	Explain or demonstrate that fractions may have multiple equivalent representations.	Adding and Subtracting Rational Numbers
MA.7.1.1.1.c	Explain or demonstrate that fractions may have multiple equivalent representations.	Proper Fractions
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Comparing Rational Numbers
MA.7.1.1.2.a	Order decimals, fractions, and/or percents and explains why one number is greater than, less than, or equal to another number.	Fraction, Percent, and Decimal Equivalents
MA.7.1.1.2.b	Order decimals, fractions and/or integers based on a picture of a real world model, locations on a number line, or symbolic representation.	Comparing Rational Numbers
MA.7.1.1.2.b	Order decimals, fractions and/or integers based on a picture of a real world model, locations on a number line, or symbolic representation.	Fraction, Percent, and Decimal Equivalents
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Comparing Rational Numbers
MA.7.1.1.2.c	Explain why one integer, fraction, decimal, or percent is greater than, less than, or equal to another given number.	Fraction, Percent, and Decimal Equivalents
MA.7.1.1.3.a	Use the inverse relationship between multiplication and division to simplify computations.	Rewriting Equations
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Addition of Integers
MA.7.1.1.3.b	Use the inverse properties of addition and multiplication to simplify computations and explain why they work with integers, fractions, and decimals.	Properties of the Real Numbers
MA.7.1.1.3.c	Use, represent, or evaluate an application of the commutative, associative, and/or identity properties of addition on non-negative decimals or fractions.	Properties of the Real Numbers
MA.7.1.1.3.d	Use, represent, or evaluate an application of the commutative, associative, identity, and/or zero properties of multiplication on non-negative decimals or fractions.	Properties of the Real Numbers
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Applications
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Applications
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	More Applications

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MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Proportions
MA.7.1.1.4.a	Explain or illustrate the meaning of a ratio, percent or proportion.	Solving Percent Problems
MA.7.1.1.4.b	Express proportional relationships using objects, pictures, and symbols.	Proportions
MA.7.1.1.4.c	Complete or write a proportion for a given situation.	Proportions
MA.7.1.1.4.d	Predict a future situation using direct proportion	Direct Variation
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Applications
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	More Applications
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Proportions
MA.7.1.1.4.e	Represent equivalent ratios and/or percents using pictures, diagrams, or symbols.	Solving Percent Problems
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Applications
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Applications
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	More Applications
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Proportions
MA.7.1.1.4.f	Determine or use a ratio, percent, or proportion in a given situation.	Solving Percent Problems
MA.7.1.1.5.a	Explain or show the meaning of addition and subtraction of integers using words, pictures, or real-world models.	Addition of Integers
MA.7.1.1.5.a	Explain or show the meaning of addition and subtraction of integers using words, pictures, or real-world models.	Subtraction of Integers
MA.7.1.1.5.c	Show addition and subtraction of integers using technology.	Addition of Integers
MA.7.1.1.5.d	Translate a given picture or illustration representing addition or subtraction of integers into an equivalent symbolic representation.	Addition of Integers
MA.7.1.1.5.d	Translate a given picture or illustration representing addition or subtraction of integers into an equivalent symbolic representation.	Subtraction of Integers
MA.7.1.1.5.f	Select and/or use an appropriate operation to show understanding of addition and subtraction of integers.	Addition of Integers
MA.7.1.1.5.f	Select and/or use an appropriate operation to show understanding of addition and subtraction of integers.	Subtraction of Integers
MA.7.1.1.6.a	Find the product or quotient using non-negative decimals and fractions.	Multiplying and Dividing Rational Numbers 1
MA.7.1.1.6.c	Multiply non-negative decimals and fractions.	Multiplying and Dividing Rational Numbers 1
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Adding and Subtracting Rational Numbers
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Evaluating Expressions
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Order of Operations
MA.7.1.1.6.e	Compute with non-negative rational numbers using order of operations.	Proper Fractions

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MA.7.1.1.7.a	Select and use appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Adding and Subtracting Rational Numbers
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Addition of Integers
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Multiplying and Dividing Rational Numbers 1
MA.7.1.1.7.c	Describe strategies for mentally adding and/or subtracting integers and multiplying and/or dividing non-negative decimals and fractions.	Subtraction of Integers
MA.7.1.1.8.b	Use estimation strategies to predict an answer prior to operations on non-negative rational numbers.	Adding and Subtracting Rational Numbers
MA.7.1.1.8.b	Use estimation strategies to predict an answer prior to operations on non-negative rational numbers.	Multiplying and Dividing Rational Numbers 1
MA.7.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	One-Step Equations 1
MA.7.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	One-Step Equations 2
MA.7.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	Problem Solving with Rational Numbers
MA.7.1.1.8.c	Use estimation to verify the reasonableness of calculated results.	Two-Step Equations
MA.7.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	One-Step Equations 1
MA.7.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	One-Step Equations 2
MA.7.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Problem Solving with Rational Numbers
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	Adding and Subtracting Rational Numbers
MA.7.1.1.8.f	Explain or describe a strategy for estimation involving computation with non-negative decimals and fractions.	Multiplying and Dividing Rational Numbers 1
MA.7.1.2.1.a	Determine and/or describe the impact on the perimeter, circumference, and/or area of a rectangle, triangle, and/or circle caused by a change in one dimension.	Affects of Dimensional Changes
MA.7.1.2.1.b	Determine and/or describe the impact on one dimension caused by a change in perimeter, circumference and/or area of a rectangle, triangle, and/or circle.	Affects of Dimensional Changes
MA.7.1.2.4.c	Select and describe the appropriate units and/or tools for measuring angles.	Classify and Measure Angles
MA.7.1.2.5.a	Use formulas to determine and label missing measurements for circles, including radius, diameter, circumference, and area, in given situations.	Area of Circles
MA.7.1.2.5.a	Use formulas to determine and label missing measurements for circles, including radius, diameter, circumference, and area, in given situations.	Perimeter and Circumference
MA.7.1.2.5.b	Use formulas to determine and label missing measurements for rectangular prisms, including length, width, height, volume, and surface area, in given situations.	Surface Area of Rectangular Prisms

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MA.7.1.2.5.b	Use formulas to determine and label missing measurements for rectangular prisms, including length, width, height, volume, and surface area, in given situations.	Volume of Cones
MA.7.1.2.5.b	Use formulas to determine and label missing measurements for rectangular prisms, including length, width, height, volume, and surface area, in given situations.	Volume of Rectangular Prisms
MA.7.1.2.5.b	Use formulas to determine and label missing measurements for rectangular prisms, including length, width, height, volume, and surface area, in given situations.	Volume of Spheres
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Area of Triangles and Trapezoids
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Composite Figures
MA.7.1.2.5.c	Use formulas to determine and label missing measurements for triangles, including base, height, perimeter, and area, in given situations.	Perimeter and Circumference
MA.7.1.2.5.d	Demonstrate or explain how to use a formula for finding the area and circumference of a circle.	Area of Circles
MA.7.1.2.5.d	Demonstrate or explain how to use a formula for finding the area and circumference of a circle.	Perimeter and Circumference
MA.7.1.2.5.e	Calculate and label dimensions of rectangular prisms with given volumes and/or surface areas.	Changes in Volume
MA.7.1.2.5.e	Calculate and label dimensions of rectangular prisms with given volumes and/or surface areas.	Surface Area of Composite Figures
MA.7.1.2.5.e	Calculate and label dimensions of rectangular prisms with given volumes and/or surface areas.	Surface Area of Rectangular Prisms
MA.7.1.2.5.e	Calculate and label dimensions of rectangular prisms with given volumes and/or surface areas.	Volume of Composite Figures
MA.7.1.2.5.e	Calculate and label dimensions of rectangular prisms with given volumes and/or surface areas.	Volume of Rectangular Prisms
MA.7.1.2.5.f	Determine the surface area of a rectangular prism.	Surface Area of Composite Figures
MA.7.1.2.5.f	Determine the surface area of a rectangular prism.	Surface Area of Rectangular Prisms
MA.7.1.2.6.b	Estimate and label circle, right triangle, and rectangular prism measurements.	Circles
MA.7.1.2.6.b	Estimate and label circle, right triangle, and rectangular prism measurements.	Surface Area of Rectangular Prisms
MA.7.1.2.6.b	Estimate and label circle, right triangle, and rectangular prism measurements.	Volume of Rectangular Prisms
MA.7.1.2.6.c	Use common approximations of pi to estimate and label the circumference and the area of circles.	Area of Circles
MA.7.1.2.6.c	Use common approximations of pi to estimate and label the circumference and the area of circles.	Perimeter and Circumference
MA.7.1.3.1.a	Identify or describe congruence in figures.	Corresponding Parts
MA.7.1.3.1.b	Explain how two figures are similar and/or congruent using definitions or real-world examples.	Corresponding Parts
MA.7.1.3.1.b	Explain how two figures are similar and/or congruent using definitions or real-world examples.	Indirect Measure

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MA.7.1.3.1.d	Use mathematical conventions to label vertices, line segments, and angles.	Classify and Measure Angles
MA.7.1.3.1.d	Use mathematical conventions to label vertices, line segments, and angles.	Perpendicular and Parallel Lines, Part 1
MA.7.1.3.1.d	Use mathematical conventions to label vertices, line segments, and angles.	Perpendicular and Parallel Lines, Part 2
MA.7.1.3.2.a	Sort, classify, and label circles according to their properties.	Circles
MA.7.1.3.2.b	Sort, classify, and describe rectangular prisms according to their properties including vertices, edges, faces, bases, and parallel faces.	Nets
MA.7.1.3.2.b	Sort, classify, and describe rectangular prisms according to their properties including vertices, edges, faces, bases, and parallel faces.	Surface Area of Rectangular Prisms
MA.7.1.3.2.b	Sort, classify, and describe rectangular prisms according to their properties including vertices, edges, faces, bases, and parallel faces.	Volume of Rectangular Prisms
MA.7.1.3.2.c	Draw rectangular prisms and circles with specified properties.	Surface Area of Rectangular Prisms
MA.7.1.3.2.d	Explain and use the relationship between radius, diameter, and circumference.	Perimeter and Circumference
MA.7.1.3.2.e	Find the missing angle given all but one of the angles of a triangle or quadrilateral.	Classifying Triangles and the Triangle Inequality Theorem
MA.7.1.3.2.e	Find the missing angle given all but one of the angles of a triangle or quadrilateral.	Interior and Exterior Measures of Polygons
MA.7.1.3.2.e	Find the missing angle given all but one of the angles of a triangle or quadrilateral.	Quadrilaterals
MA.7.1.3.2.f	Sort, classify, and label figures according to their geometric properties.	Nets
MA.7.1.3.2.f	Sort, classify, and label figures according to their geometric properties.	Solid Figures
MA.7.1.3.4.a	Explain the result of two or more translations or reflections of a figure with or without a grid.	Reflections
MA.7.1.3.4.b	Plot a combination of two translations and/or reflections of a simple figure with a coordinate grid.	Reflections
MA.7.1.3.4.c	Explain the transformation of one figure to another on a two-dimensional coordinate grid in terms of a combination of two translations or two reflections.	Reflections
MA.7.1.3.4.d	Describe a combination of two translations and/or reflections so that another person could draw them.	Reflections
MA.7.1.3.4.e	Explain a series of transformations in a given diagram or picture.	Dilations
MA.7.1.3.4.e	Explain a series of transformations in a given diagram or picture.	Reflections
MA.7.1.3.4.e	Explain a series of transformations in a given diagram or picture.	Tessellations
MA.7.1.4.1.b	Determine and explain when events are complementary.	Disjointed and Overlapping Events
MA.7.1.4.1.b	Determine and explain when events are complementary.	Independent and Dependent Events
MA.7.1.4.1.c	Identify or explain when events are complementary, mutually exclusive, or neither.	Disjointed and Overlapping Events
MA.7.1.4.1.c	Identify or explain when events are complementary, mutually exclusive, or neither.	Independent and Dependent Events

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MA.7.1.4.1.d	Represent the probability of an event given the probability of its complement.	All That's Fair In...
MA.7.1.4.1.d	Represent the probability of an event given the probability of its complement.	Disjointed and Overlapping Events
MA.7.1.4.1.d	Represent the probability of an event given the probability of its complement.	Independent and Dependent Events
MA.7.1.4.1.d	Represent the probability of an event given the probability of its complement.	Probability and Odds
MA.7.1.4.1.d	Represent the probability of an event given the probability of its complement.	Probability of Single Events
MA.7.1.4.1.d	Represent the probability of an event given the probability of its complement.	Simulate a Problem
MA.7.1.4.2.a	Determine the probabilities of complementary or mutually exclusive outcomes or events.	Disjointed and Overlapping Events
MA.7.1.4.2.a	Determine the probabilities of complementary or mutually exclusive outcomes or events.	Independent and Dependent Events
MA.7.1.4.2.e	Predict the probability of future events based on empirical data.	All That's Fair In...
MA.7.1.4.2.e	Predict the probability of future events based on empirical data.	Probability and Odds
MA.7.1.4.2.e	Predict the probability of future events based on empirical data.	Probability of Single Events
MA.7.1.4.2.e	Predict the probability of future events based on empirical data.	Simulate a Problem
MA.7.1.4.2.f	Count and/or list the sample space of mutually exclusive and complementary events.	Disjointed and Overlapping Events
MA.7.1.4.2.f	Count and/or list the sample space of mutually exclusive and complementary events.	Independent and Dependent Events
MA.7.1.4.3.b	Identify a population sample, and collects data from the selected population for an intended purpose.	Collecting Data
MA.7.1.4.3.e	Describe how to collect data about a given population.	Collecting Data
MA.7.1.4.4.b	Describe how additional data added to data sets may affect the measures of central tendency.	Measures of Central Tendency and Dispersion
MA.7.1.4.4.c	Explain the relationship between the range and measures of central tendency.	Bar Graphs
MA.7.1.4.4.c	Explain the relationship between the range and measures of central tendency.	Measures of Central Tendency and Dispersion
MA.7.1.4.4.d	Complete a set of data based on a given mean, median, or mode and a partial set of data.	Bar Graphs
MA.7.1.4.4.d	Complete a set of data based on a given mean, median, or mode and a partial set of data.	Measures of Central Tendency and Dispersion
MA.7.1.4.4.e	Explain why the mean, median, and mode may not be the same and what each indicates as a measure of central tendency in a given situation.	Measures of Central Tendency and Dispersion
MA.7.1.4.4.f	Determine and/or use the mean, median, mode, and/or range for a set of data.	Bar Graphs
MA.7.1.4.4.f	Determine and/or use the mean, median, mode, and/or range for a set of data.	Measures of Central Tendency and Dispersion
MA.7.1.4.5.a	Describe the accuracy and completeness of the data in a Venn diagram, stem-and-leaf plot, box-and-whisker plot, and/or scatter plot.	Constructing Box-and-Whisker Plots
MA.7.1.4.5.a	Describe the accuracy and completeness of the data in a Venn diagram, stem-and-leaf plot, box-and-whisker plot, and/or scatter plot.	Interpret Box-and-Whisker Plots

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MA.7.1.4.5.a	Describe the accuracy and completeness of the data in a Venn diagram, stem-and-leaf plot, box-and-whisker plot, and/or scatter plot.	Scatter Plots and Line of Best Fit
MA.7.1.4.5.b	Read and interpret the data in Venn Diagrams, stem-and-leaf plots, box-and-whisker- plots, and/or scatter plots.	Constructing Box-and-Whisker Plots
MA.7.1.4.5.b	Read and interpret the data in Venn Diagrams, stem-and-leaf plots, box-and-whisker- plots, and/or scatter plots.	Interpret Box-and-Whisker Plots
MA.7.1.4.5.b	Read and interpret the data in Venn Diagrams, stem-and-leaf plots, box-and-whisker- plots, and/or scatter plots.	Scatter Plots and Line of Best Fit
MA.7.1.4.5.e	Explain statistical information, including median, range, inter-quartile range, for a given box-and-whisker plot.	Constructing Box-and-Whisker Plots
MA.7.1.4.5.e	Explain statistical information, including median, range, inter-quartile range, for a given box-and-whisker plot.	Interpret Box-and-Whisker Plots
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Analyzing Graphs
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Exponential Sequences (Exponential Growth and Decay)
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Geometric Sequences
MA.7.1.5.1.c	Select, extend, or represent patterns and sequences using tables, graphs, or expressions.	Patterns and Arithmetic Sequences
MA.7.1.5.1.d	Use technology to generate graphic representations of linear and non-linear relationships.	Non-Linear Functions - Quadratics and Absolute Value
MA.7.1.5.1.d	Use technology to generate graphic representations of linear and non-linear relationships.	Using Intercepts
MA.7.1.5.1.f	Identify patterns that are linear relations and provides missing terms in the beginning, middle, and/or end of the pattern.	Exponential Sequences (Exponential Growth and Decay)
MA.7.1.5.1.f	Identify patterns that are linear relations and provides missing terms in the beginning, middle, and/or end of the pattern.	Geometric Sequences
MA.7.1.5.1.f	Identify patterns that are linear relations and provides missing terms in the beginning, middle, and/or end of the pattern.	Patterns and Arithmetic Sequences
MA.7.1.5.2.b	Use an equation or graph to describe a linear relationship.	Graphing
MA.7.1.5.2.d	Create a representation of a linear relationship given a rule and explains what makes it a linear relationship.	Direct Variation
MA.7.1.5.2.d	Create a representation of a linear relationship given a rule and explains what makes it a linear relationship.	Using Intercepts
MA.7.1.5.3.a	Express relationships between quantities including integers, and non-negative decimals and fractions using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Comparing Rational Numbers
MA.7.1.5.3.a	Express relationships between quantities including integers, and non-negative decimals and fractions using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Fraction, Percent, and Decimal Equivalents
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	One-Step Equations 1
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	One-Step Equations 2
MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	One-Step Inequalities

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MA.7.1.5.3.c	Write a simple equation or inequality using rational numbers and integers to represent a given situation.	Two-Step Inequalities
MA.7.1.5.4.a	Write an expression, equation, or inequality using variables to represent a given situation.	One-Step Equations 1
MA.7.1.5.4.a	Write an expression, equation, or inequality using variables to represent a given situation.	One-Step Equations 2
MA.7.1.5.4.a	Write an expression, equation, or inequality using variables to represent a given situation.	One-Step Inequalities
MA.7.1.5.4.a	Write an expression, equation, or inequality using variables to represent a given situation.	Two-Step Inequalities
MA.7.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Analyzing Graphs
MA.7.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	More Slope-Intercept Form
MA.7.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Slope-Intercept Form
MA.7.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Using Intercepts
MA.7.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Analyzing Graphs
MA.7.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Problem Solving
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	One-Step Equations 1
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	One-Step Equations 2
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	One-Step Inequalities
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Two-Step Inequalities
MA.7.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Using Variables
MA.7.1.5.5.a	Substitute non-negative rational values for variables to evaluate expressions and formulas.	Order of Operations
MA.7.1.5.5.a	Substitute non-negative rational values for variables to evaluate expressions and formulas.	Using Variables
MA.7.1.5.5.b	Evaluate expressions and formulas using order of operations.	Area of Triangles and Trapezoids
MA.7.1.5.5.b	Evaluate expressions and formulas using order of operations.	Evaluating Expressions
MA.7.1.5.5.b	Evaluate expressions and formulas using order of operations.	Order of Operations
MA.7.1.5.5.d	Simplify expressions using order of operations and explain the procedure.	Evaluating Expressions
MA.7.1.5.5.d	Simplify expressions using order of operations and explain the procedure.	Order of Operations
MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	One-Step Equations
MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	One-Step Equations 1
MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	One-Step Equations 2

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MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	Problem Solving with Rational Numbers
MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	Solving One-Step Equations
MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	Solving Two-Step Equations
MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	Two-Step Equations
MA.7.1.5.6.a	Solve single variable one-step or two-step equations and checks the solution.	Two-Step Equations
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	One-Step Equations
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	One-Step Equations 1
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	One-Step Equations 2
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	Problem Solving with Rational Numbers
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	Solving One-Step Equations
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	Solving Two-Step Equations
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	Two-Step Equations
MA.7.1.5.6.b	Write and solve a single-variable one- or two-step equation for a given situation.	Two-Step Equations
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Applications
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Combine Like Terms
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Distributive Property
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	One-Step Equations
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	One-Step Equations 1
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	One-Step Equations 2
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Problem Solving
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Solving Equations by Combining Like Terms
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Solving One-Step Equations
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Solving Two-Step Equations
MA.7.1.5.6.c	Explain or show the meaning of the solution to an equation.	Two-Step Equations
MA.7.2.2.4.b	Determine whether the solution is reasonable for the situation.	Two-Step Equations
MA.7.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	One-Step Equations 1
MA.7.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	One-Step Equations 2

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MA.7.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Problem Solving with Rational Numbers
MA.7.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Two-Step Equations
MA.7.3.1.1.c	Identify agreements or differences between mathematical information, diagrams, and/or pictorial representations.	Direct Variation
MA.7.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	All That's Fair In...
MA.7.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Disjointed and Overlapping Events
MA.7.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Independent and Dependent Events
MA.7.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Probability and Odds
MA.7.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Probability of Single Events
MA.7.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Simulate a Problem
MA.7.3.3.2.a	Check for reasonableness of results in a given situation.	Two-Step Equations
MA.7.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Geometric Sequences
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Appropriate Data Displays
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Constructing Box-and-Whisker Plots
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Frequency and Histograms
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Interpret Box-and-Whisker Plots

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MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Line Graphs
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Misleading Graphs
MA.7.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, line graphs, circle graphs, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, diagrams, and/or models for a purpose.	Scatter Plots and Line of Best Fit
MA.7.4.2.2.a	Represent mathematical information using tables, charts, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Constructing Box-and-Whisker Plots
MA.7.4.2.2.a	Represent mathematical information using tables, charts, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Frequency and Histograms
MA.7.4.2.2.a	Represent mathematical information using tables, charts, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Interpret Box-and-Whisker Plots
MA.7.4.2.2.a	Represent mathematical information using tables, charts, histograms, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Scatter Plots and Line of Best Fit
MA.7.5.1.2.a	Identify mathematical models or representations that are equivalent to a given model or representation.	Direct Variation
MA.7.5.1.2.b	Explain how two or more different models represent the same mathematical idea.	Direct Variation
MA.7.5.1.2.c	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Direct Variation
Grade:	Grade 8	
Section	Description	Lesson Title
MA.8.1.1.1.a	Explain the meaning of integers raised to whole number exponents and provide examples.	Exponents
MA.8.1.1.1.c	Explain the meaning of square root of a whole number and provide examples.	Square Roots
MA.8.1.1.2.a	Order rational numbers including integers, whole number powers, and square roots, and explain why one rational number is greater than, equal to, or less than another.	Comparing Rational Numbers
MA.8.1.1.2.a	Order rational numbers including integers, whole number powers, and square roots, and explain why one rational number is greater than, equal to, or less than another.	Exponents

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MA.8.1.1.2.a	Order rational numbers including integers, whole number powers, and square roots, and explain why one rational number is greater than, equal to, or less than another.	Fraction, Percent, and Decimal Equivalents
MA.8.1.1.2.b	Order rational numbers including integers, whole number powers, and square roots based on a picture of a real world model, locations on a number line, or symbolic representation.	Comparing Rational Numbers
MA.8.1.1.2.b	Order rational numbers including integers, whole number powers, and square roots based on a picture of a real world model, locations on a number line, or symbolic representation.	Fraction, Percent, and Decimal Equivalents
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Comparing Rational Numbers
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Exponents
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Fraction, Percent, and Decimal Equivalents
MA.8.1.1.2.c	Explain why one given rational number including integers, whole-number powers, and square roots is greater than, equal to, or less than another rational number.	Square Roots
MA.8.1.1.3.a	Demonstrate the distributive property of multiplication over addition using an area model or picture.	Properties of the Real Numbers
MA.8.1.1.3.b	Use the distributive property to simplify expressions that include integers.	Applications
MA.8.1.1.3.b	Use the distributive property to simplify expressions that include integers.	Distributive Property
MA.8.1.1.3.b	Use the distributive property to simplify expressions that include integers.	Properties of the Real Numbers
MA.8.1.1.3.d	Represent or evaluate the application of the addition and multiplication properties on rational numbers including integers.	Addition of Integers
MA.8.1.1.3.d	Represent or evaluate the application of the addition and multiplication properties on rational numbers including integers.	One-Step Equations
MA.8.1.1.3.d	Represent or evaluate the application of the addition and multiplication properties on rational numbers including integers.	Properties of the Real Numbers
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	Applications
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	Distributive Property
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	One-Step Equations
MA.8.1.1.3.e	Use the addition and multiplication properties, including the distributive property, to assist with computations.	Properties of the Real Numbers
MA.8.1.1.4.a	Determine an unknown value for a dimension or a number of events or objects using ratio or proportion.	Proportions
MA.8.1.1.4.b	Determine an unknown value for a dimension or a number of events or objects using percents.	Applications
MA.8.1.1.4.b	Determine an unknown value for a dimension or a number of events or objects using percents.	More Applications

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MA.8.1.1.4.b	Determine an unknown value for a dimension or a number of events or objects using percents.	Solving Percent Problems
MA.8.1.1.4.c	Select and use the most advantageous representation of ratios or percents in a given situation.	Applications
MA.8.1.1.4.c	Select and use the most advantageous representation of ratios or percents in a given situation.	Proportions
MA.8.1.1.4.d	Determine a ratio or percent in a given situation.	Applications
MA.8.1.1.4.d	Determine a ratio or percent in a given situation.	Applications
MA.8.1.1.4.d	Determine a ratio or percent in a given situation.	More Applications
MA.8.1.1.4.d	Determine a ratio or percent in a given situation.	Proportions
MA.8.1.1.4.d	Determine a ratio or percent in a given situation.	Solving Percent Problems
MA.8.1.1.5.a	Explain the meaning of multiplication and division of integers including remainders using words, pictures, or models.	Multiplying and Dividing Integers
MA.8.1.1.5.b	Explain the meaning of taking whole number powers of integers or square roots of whole numbers using words, pictures, or models.	Exponents
MA.8.1.1.5.b	Explain the meaning of taking whole number powers of integers or square roots of whole numbers using words, pictures, or models.	Square Roots
MA.8.1.1.5.c	Represent a situation involving multiplication or division of integers, whole number powers of integers, or square roots of whole numbers.	Exponents
MA.8.1.1.5.c	Represent a situation involving multiplication or division of integers, whole number powers of integers, or square roots of whole numbers.	Square Roots
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Addition of Integers
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	One-Step Equations 1
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	One-Step Equations 2
MA.8.1.1.5.e	Translate a given situation, picture, or illustration into a numeric expression or equation involving decimals, fractions, integers, whole number powers, and square roots of whole numbers.	Square Roots
MA.8.1.1.5.f	Select and/or use an appropriate operation to show understanding of whole number powers and square roots.	Exponents
MA.8.1.1.5.f	Select and/or use an appropriate operation to show understanding of whole number powers and square roots.	Square Roots
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Comparing Rational Numbers
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Exponents

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MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Fraction, Percent, and Decimal Equivalents
MA.8.1.1.5.g	Convert between equivalent forms of rational numbers including whole number powers and square roots of perfect squares.	Square Roots
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Adding and Subtracting Rational Numbers
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Evaluating Expressions
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Multiplying and Dividing Rational Numbers 2
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Order of Operations
MA.8.1.1.6.a	Compute with rational numbers using order of operations.	Proper Fractions
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	Exponents
MA.8.1.1.6.b	Compute using whole number powers and/or square roots of perfect squares.	Square Roots
MA.8.1.1.7.a	Select and justify appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Adding and Subtracting Rational Numbers
MA.8.1.1.7.c	Describe strategies for mental computation with integers using powers and square roots.	Exponents
MA.8.1.1.7.c	Describe strategies for mental computation with integers using powers and square roots.	Multiplying and Dividing Integers
MA.8.1.1.7.c	Describe strategies for mental computation with integers using powers and square roots.	Square Roots
MA.8.1.1.8.b	Use a variety of estimation strategies to predict results prior to computation.	Multiplying and Dividing Rational Numbers 1
MA.8.1.1.8.c	Use a variety of estimation strategies to verify the reasonableness of calculated results.	One-Step Equations 1
MA.8.1.1.8.c	Use a variety of estimation strategies to verify the reasonableness of calculated results.	One-Step Equations 2
MA.8.1.1.8.c	Use a variety of estimation strategies to verify the reasonableness of calculated results.	Problem Solving with Rational Numbers
MA.8.1.1.8.c	Use a variety of estimation strategies to verify the reasonableness of calculated results.	Two-Step Equations
MA.8.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	One-Step Equations 1
MA.8.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	One-Step Equations 2
MA.8.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Problem Solving with Rational Numbers
MA.8.1.1.8.d	Compute to check the reasonableness of estimated answers for a given situation.	Two-Step Equations
MA.8.1.1.8.f	Explain or describe a strategy for estimation involving computation with decimals, fractions, and integers, using +, -, x, ÷, powers, and square roots.	Adding and Subtracting Rational Numbers
MA.8.1.1.8.f	Explain or describe a strategy for estimation involving computation with decimals, fractions, and integers, using +, -, x, ÷, powers, and square roots.	Exponents
MA.8.1.1.8.f	Explain or describe a strategy for estimation involving computation with decimals, fractions, and integers, using +, -, x, ÷, powers, and square roots.	Square Roots

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MA.8.1.2.1.a	Determine and/or describe the impact that a change in one dimension has on volume and surface area in right cylinders and rectangular prisms.	Changes in Volume
MA.8.1.2.1.a	Determine and/or describe the impact that a change in one dimension has on volume and surface area in right cylinders and rectangular prisms.	Surface Area of Composite Figures
MA.8.1.2.1.a	Determine and/or describe the impact that a change in one dimension has on volume and surface area in right cylinders and rectangular prisms.	Surface Area of Rectangular Prisms
MA.8.1.2.1.a	Determine and/or describe the impact that a change in one dimension has on volume and surface area in right cylinders and rectangular prisms.	Volume of Composite Figures
MA.8.1.2.1.b	Determine and/or describe a change in a linear dimension given a change in volume and/or surface area of rectangular prisms and cylinders.	Changes in Volume
MA.8.1.2.1.b	Determine and/or describe a change in a linear dimension given a change in volume and/or surface area of rectangular prisms and cylinders.	Surface Area of Composite Figures
MA.8.1.2.1.b	Determine and/or describe a change in a linear dimension given a change in volume and/or surface area of rectangular prisms and cylinders.	Volume of Composite Figures
MA.8.1.2.1.b	Determine and/or describe a change in a linear dimension given a change in volume and/or surface area of rectangular prisms and cylinders.	Volume of Cones
MA.8.1.2.1.b	Determine and/or describe a change in a linear dimension given a change in volume and/or surface area of rectangular prisms and cylinders.	Volume of Triangular Prisms
MA.8.1.2.1.c	Determine and/or describe the impact on perimeter and/or area of a rectangle caused by a change in two dimensions.	Affects of Dimensional Changes
MA.8.1.2.2.a	Explain the concept of a rate or slope in a given situation.	Applications
MA.8.1.2.2.a	Explain the concept of a rate or slope in a given situation.	More Slope-Intercept Form
MA.8.1.2.2.a	Explain the concept of a rate or slope in a given situation.	Slope
MA.8.1.2.2.a	Explain the concept of a rate or slope in a given situation.	Slope-Intercept Form
MA.8.1.2.2.a	Explain the concept of a rate or slope in a given situation.	Using Intercepts
MA.8.1.2.2.c	Calculate a rate of change or slope in a situation.	More Slope-Intercept Form
MA.8.1.2.2.c	Calculate a rate of change or slope in a situation.	Slope
MA.8.1.2.2.c	Calculate a rate of change or slope in a situation.	Slope-Intercept Form
MA.8.1.2.2.c	Calculate a rate of change or slope in a situation.	Using Intercepts
MA.8.1.2.2.d	Use unit analysis to find equivalent rates.	Applications
MA.8.1.2.2.d	Use unit analysis to find equivalent rates.	Unit Conversion within Customary Units
MA.8.1.2.2.d	Use unit analysis to find equivalent rates.	Unit Conversion within Metric Units
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Changes in Volume
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Surface Area of Composite Figures
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Surface Area of Cylinders
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Volume of Composite Figures
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Volume of Cylinders

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MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Volume of Rectangular Prisms
MA.8.1.2.5.a	Explain how to use a formula to calculate and label the surface area and volume of a prism or cylinder.	Volume of Triangular Prisms
MA.8.1.2.5.b	Use the Pythagorean Theorem to determine and label a missing dimension of a right triangle or prism.	Distance and Midpoint
MA.8.1.2.5.b	Use the Pythagorean Theorem to determine and label a missing dimension of a right triangle or prism.	Pythagorean Theorem, Part 1
MA.8.1.2.5.b	Use the Pythagorean Theorem to determine and label a missing dimension of a right triangle or prism.	Pythagorean Theorem, Part 2
MA.8.1.2.5.c	Determine and label surface areas of right cylinders and right prisms.	Surface Area of Composite Figures
MA.8.1.2.5.c	Determine and label surface areas of right cylinders and right prisms.	Surface Area of Cylinders
MA.8.1.2.5.c	Determine and label surface areas of right cylinders and right prisms.	Surface Area of Rectangular Prisms
MA.8.1.2.5.c	Determine and label surface areas of right cylinders and right prisms.	Surface Area of Triangular Prisms
MA.8.1.2.5.c	Determine and label surface areas of right cylinders and right prisms.	Volume of Cylinders
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Changes in Volume
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Perimeter and Circumference
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Surface Area of Cylinders
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Volume of Composite Figures
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Volume of Cylinders
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Volume of Rectangular Prisms
MA.8.1.2.5.d	Determine and label dimensions of a triangle, prism, or cylinder based on a given perimeter, circumference, area, and/or volume.	Volume of Triangular Prisms
MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Changes in Volume
MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Surface Area of Composite Figures
MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Surface Area of Rectangular Prisms
MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Surface Area of Triangular Prisms

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MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Volume of Composite Figures
MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Volume of Cylinders
MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Volume of Rectangular Prisms
MA.8.1.2.6.b	Use estimation to determine and label volume and surface area for right cylinders and right prisms and explain why an approximation is appropriate.	Volume of Triangular Prisms
MA.8.1.2.6.d	Use estimation strategies to determine and labels the approximate distance or height in a situation using similar triangles or the Pythagorean Theorem.	Distance and Midpoint
MA.8.1.2.6.d	Use estimation strategies to determine and labels the approximate distance or height in a situation using similar triangles or the Pythagorean Theorem.	Indirect Measure
MA.8.1.2.6.d	Use estimation strategies to determine and labels the approximate distance or height in a situation using similar triangles or the Pythagorean Theorem.	Pythagorean Theorem, Part 1
MA.8.1.2.6.d	Use estimation strategies to determine and labels the approximate distance or height in a situation using similar triangles or the Pythagorean Theorem.	Pythagorean Theorem, Part 2
MA.8.1.3.1.a	Identify or describe cylinders, cones, or pyramids.	Solid Figures
MA.8.1.3.1.a	Identify or describe cylinders, cones, or pyramids.	Surface Area of Cylinders
MA.8.1.3.1.a	Identify or describe cylinders, cones, or pyramids.	Surface Area of Pyramids and Cones
MA.8.1.3.1.a	Identify or describe cylinders, cones, or pyramids.	Volume of Cones
MA.8.1.3.1.a	Identify or describe cylinders, cones, or pyramids.	Volume of Cylinders
MA.8.1.3.1.a	Identify or describe cylinders, cones, or pyramids.	Volume of Pyramids
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Nets
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Solid Figures
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Surface Area of Cylinders
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Surface Area of Pyramids and Cones
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Volume of Cones
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Volume of Cylinders
MA.8.1.3.1.b	Classify and label cylinders, cones, or pyramids.	Volume of Pyramids
MA.8.1.3.1.c	Draw nets of cylinders, prisms, and pyramids.	Nets
MA.8.1.3.1.c	Draw nets of cylinders, prisms, and pyramids.	Surface Area of Cylinders
MA.8.1.3.1.c	Draw nets of cylinders, prisms, and pyramids.	Surface Area of Pyramids and Cones
MA.8.1.3.1.c	Draw nets of cylinders, prisms, and pyramids.	Volume of Cylinders
MA.8.1.3.1.c	Draw nets of cylinders, prisms, and pyramids.	Volume of Pyramids
MA.8.1.3.2.a	Sort, classify, and label similar and congruent figures.	Corresponding Parts
MA.8.1.3.2.a	Sort, classify, and label similar and congruent figures.	Indirect Measure
MA.8.1.3.2.b	Use properties of similarity to draw, describe, sort, classify, and/or label two-dimensional figures in illustrations or real life.	Corresponding Parts
MA.8.1.3.2.e	Use the Pythagorean Theorem to determine if a triangle is a right triangle.	Pythagorean Theorem, Part 1
MA.8.1.3.2.e	Use the Pythagorean Theorem to determine if a triangle is a right triangle.	Pythagorean Theorem, Part 2

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MA.8.1.3.3.b	Explain a method for finding the missing side of a triangle in a real-world setting.	Distance and Midpoint
MA.8.1.3.3.b	Explain a method for finding the missing side of a triangle in a real-world setting.	Pythagorean Theorem, Part 1
MA.8.1.3.3.b	Explain a method for finding the missing side of a triangle in a real-world setting.	Pythagorean Theorem, Part 2
MA.8.1.3.3.c	Determine the distance between two points on a line parallel to an axis of a coordinate grid.	Distance and Midpoint
MA.8.1.3.3.d	Use the Pythagorean Theorem to determine the distance between two points on a coordinate grid.	Distance and Midpoint
MA.8.1.3.4.a	Use any combination of rotations, reflections, and/or translations to draw or locate congruent figures on a grid.	Reflections
MA.8.1.3.4.b	Use ordered pairs or labels to describe the location of a picture or an object transformed by any combination of translations, reflections, and/or rotations on a coordinate grid.	Reflections
MA.8.1.3.4.b	Use ordered pairs or labels to describe the location of a picture or an object transformed by any combination of translations, reflections, and/or rotations on a coordinate grid.	Rotations
MA.8.1.3.4.d	Tessellate a plane by using transformations.	Dilations
MA.8.1.3.4.d	Tessellate a plane by using transformations.	Reflections
MA.8.1.3.4.d	Tessellate a plane by using transformations.	Tessellations
MA.8.1.4.1.a	Determine and explain when events are compound.	Disjointed and Overlapping Events
MA.8.1.4.1.a	Determine and explain when events are compound.	Independent and Dependent Events
MA.8.1.4.1.b	Describe the difference between compound events involving "and" or "or".	Disjointed and Overlapping Events
MA.8.1.4.1.b	Describe the difference between compound events involving "and" or "or".	Independent and Dependent Events
MA.8.1.4.1.c	Describe or represent compound events.	Disjointed and Overlapping Events
MA.8.1.4.1.c	Describe or represent compound events.	Independent and Dependent Events
MA.8.1.4.2.a	Determine the sample space for simple experiments involving independent or compound events.	Disjointed and Overlapping Events
MA.8.1.4.2.a	Determine the sample space for simple experiments involving independent or compound events.	Independent and Dependent Events
MA.8.1.4.2.b	Calculate the probability of two independent events occurring simultaneously using various methods including organized lists, tree diagrams, counting procedures, and area models.	Disjointed and Overlapping Events
MA.8.1.4.2.b	Calculate the probability of two independent events occurring simultaneously using various methods including organized lists, tree diagrams, counting procedures, and area models.	Independent and Dependent Events
MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	All That's Fair In...
MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	Disjointed and Overlapping Events
MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	Independent and Dependent Events
MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	Probability and Odds

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MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	Probability of Single Events
MA.8.1.4.2.c	Explain the relationship between theoretical and empirical probability of compound events.	Simulate a Problem
MA.8.1.4.2.d	Predict the probability of outcomes of experiments and relates the predictions to empirical results.	All That's Fair In...
MA.8.1.4.2.d	Predict the probability of outcomes of experiments and relates the predictions to empirical results.	Probability and Odds
MA.8.1.4.2.d	Predict the probability of outcomes of experiments and relates the predictions to empirical results.	Probability of Single Events
MA.8.1.4.2.d	Predict the probability of outcomes of experiments and relates the predictions to empirical results.	Simulate a Problem
MA.8.1.4.2.e	Design a situation that would produce a given probability.	All That's Fair In...
MA.8.1.4.2.e	Design a situation that would produce a given probability.	Probability and Odds
MA.8.1.4.2.e	Design a situation that would produce a given probability.	Probability of Single Events
MA.8.1.4.2.e	Design a situation that would produce a given probability.	Simulate a Problem
MA.8.1.4.3.a	Describe bias in population samples and explains a procedure for selecting an unbiased representative sample.	Collecting Data
MA.8.1.4.3.c	Determine whether claims made about results are based on biased data due to sampling.	Collecting Data
MA.8.1.4.3.e	Determine whether a sampling method will result in a representative sample.	Collecting Data
MA.8.1.4.4.d	Determine and/or use the mean, median, mode, and/or range for a set of data.	Bar Graphs
MA.8.1.4.4.d	Determine and/or use the mean, median, mode, and/or range for a set of data.	Measures of Central Tendency and Dispersion
MA.8.1.4.5.a	Describe trends or patterns in data presented in a table of ordered pairs or a scatter plot.	Scatter Plots and Line of Best Fit
MA.8.1.4.5.b	Read and interpret the data in Venn Diagrams, tables of ordered pairs, and/or scatter plots.	Scatter Plots and Line of Best Fit
MA.8.1.4.5.e	Explain whether stem-and-leaf plot, box-and-whisker plot, or scatter plot is more appropriate for a given set of data, a particular situation, or purpose, or answers a question most effectively.	Constructing Box-and-Whisker Plots
MA.8.1.4.5.e	Explain whether stem-and-leaf plot, box-and-whisker plot, or scatter plot is more appropriate for a given set of data, a particular situation, or purpose, or answers a question most effectively.	Interpret Box-and-Whisker Plots
MA.8.1.4.5.e	Explain whether stem-and-leaf plot, box-and-whisker plot, or scatter plot is more appropriate for a given set of data, a particular situation, or purpose, or answers a question most effectively.	Scatter Plots and Line of Best Fit
MA.8.1.4.5.g	Predict an outcome given a linear relationship involving non-negative rational numbers.	Using Intercepts
MA.8.1.5.1.a	Extend, represent, or create linear and non-linear patterns and sequences using tables and graphs.	Analyzing Graphs
MA.8.1.5.1.a	Extend, represent, or create linear and non-linear patterns and sequences using tables and graphs.	Exponential Sequences (Exponential Growth and Decay)
MA.8.1.5.1.a	Extend, represent, or create linear and non-linear patterns and sequences using tables and graphs.	Geometric Sequences
MA.8.1.5.1.a	Extend, represent, or create linear and non-linear patterns and sequences using tables and graphs.	Patterns and Arithmetic Sequences

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MA.8.1.5.1.b	Create a non-linear pattern and explains what makes it a non-linear pattern.	Exponential Sequences (Exponential Growth and Decay)
MA.8.1.5.1.c	Use technology to generate graphic representations of linear and non-linear relationships.	Non-Linear Functions - Quadratics and Absolute Value
MA.8.1.5.1.c	Use technology to generate graphic representations of linear and non-linear relationships.	Using Intercepts
MA.8.1.5.1.d	Extend a pattern by supplying missing terms in the beginning, middle, or end of a linear or non-linear pattern.	Exponential Sequences (Exponential Growth and Decay)
MA.8.1.5.1.d	Extend a pattern by supplying missing terms in the beginning, middle, or end of a linear or non-linear pattern.	Geometric Sequences
MA.8.1.5.1.d	Extend a pattern by supplying missing terms in the beginning, middle, or end of a linear or non-linear pattern.	Patterns and Arithmetic Sequences
MA.8.1.5.1.d	Extend a pattern by supplying missing terms in the beginning, middle, or end of a linear or non-linear pattern.	Recursive Sequence
MA.8.1.5.1.e	Create a pattern that is equivalent to a given pattern.	Patterns and Arithmetic Sequences
MA.8.1.5.2.a	Determine a rule, developed from a table, graph, or situation, using words or algebraic symbols.	Analyzing Graphs
MA.8.1.5.2.a	Determine a rule, developed from a table, graph, or situation, using words or algebraic symbols.	Functions
MA.8.1.5.2.b	Develop a rule that describes a recursive pattern in terms of current and previous values such as the Fibonacci sequence.	Patterns and Arithmetic Sequences
MA.8.1.5.2.b	Develop a rule that describes a recursive pattern in terms of current and previous values such as the Fibonacci sequence.	Recursive Sequence
MA.8.1.5.2.c	Describe a rule and/or construct a table to represent a pattern.	Geometric Sequences
MA.8.1.5.2.c	Describe a rule and/or construct a table to represent a pattern.	Patterns and Arithmetic Sequences
MA.8.1.5.3.a	Express relationships between quantities including whole number exponents and square roots using =, "not equal to", <, >, "less than or equal to" and "greater than or equal to".	Comparing Rational Numbers
MA.8.1.5.3.c	Use equality and inequality symbols to express relationships between rational numbers using square roots and powers in a given situation.	Comparing Rational Numbers
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	One-Step Equations 1
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	One-Step Equations 2
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	One-Step Inequalities
MA.8.1.5.4.a	Use variables to write an expression, equation, or inequality to represent a given situation.	Two-Step Inequalities
MA.8.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Analyzing Graphs
MA.8.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	More Slope-Intercept Form
MA.8.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Slope-Intercept Form
MA.8.1.5.4.c	Describe a situation involving a linear relationship that matches a given graph.	Using Intercepts

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MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Analyzing Graphs
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Problem Solving
MA.8.1.5.4.d	Translate among different representations of linear equations, using symbols, graphs, tables, diagrams, or written descriptions.	Translating Expressions and Equations
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	One-Step Equations 1
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	One-Step Equations 2
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	One-Step Inequalities
MA.8.1.5.4.e	Explain the meaning of a variable in a formula, expression, equation, or inequality.	Two-Step Inequalities
MA.8.1.5.5.b	Simplify single-variable expressions by combining like terms and explains the procedure.	Combine Like Terms
MA.8.1.5.5.b	Simplify single-variable expressions by combining like terms and explains the procedure.	Solving Equations by Combining Like Terms
MA.8.1.5.5.c	Simplify single-variable expressions involving the properties of addition and multiplication.	One-Step Equations
MA.8.1.5.5.d	Simplify an expression or formula that involves order of operations.	Evaluating Expressions
MA.8.1.5.5.d	Simplify an expression or formula that involves order of operations.	Order of Operations
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Applications
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Combine Like Terms
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Distributive Property
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Solving Equations by Combining Like Terms
MA.8.1.5.6.a	Solve multi-step single-variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Two-Step Equations
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Applications
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Combine Like Terms
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Distributive Property
MA.8.1.5.6.b	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Solving Equations by Combining Like Terms

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	Write and solve multi-step single variable equations involving parentheses, like terms, or variables on both sides of the equal sign.	Two-Step Equations
MA.8.1.5.6.b		
MA.8.1.5.6.c	Solve, or write and solve, one-step inequalities.	One-Step Inequalities
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Applications
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Combine Like Terms
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Distributive Property
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	One-Step Equations
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	One-Step Equations 1
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	One-Step Equations 2
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Problem Solving
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Solving Equations by Combining Like Terms
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Solving One-Step Equations
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Solving Two-Step Equations
MA.8.1.5.6.d	Explain or show the meaning of the solution to an equation.	Two-Step Equations
MA.8.2.2.4.b	Determine whether the solution is reasonable for the situation.	Two-Step Equations
MA.8.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	One-Step Equations 1
MA.8.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	One-Step Equations 2
MA.8.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Problem Solving with Rational Numbers
MA.8.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Two-Step Equations
MA.8.3.1.1.c	Identify agreements or differences between mathematical information, diagrams, and/or pictorial representations.	Direct Variation
MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	All That's Fair In...
MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Disjointed and Overlapping Events
MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Independent and Dependent Events
MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Probability and Odds

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MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Probability of Single Events
MA.8.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate numerical, measurement, geometric, probability, statistical, and/or algebraic data or facts.	Simulate a Problem
MA.8.3.3.2.a	Check for reasonableness of results in a given situation.	Two-Step Equations
MA.8.3.3.3.a	Explain and support thinking about mathematical ideas using models, facts, patterns, or relationships.	Geometric Sequences
MA.8.4.1.1.b	Develop a plan, not a survey, to collect mathematical information, including what mathematical information is needed and where and how to find the information.	Collecting Data
MA.8.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, diagrams, models, and graphs including scatter plots, stem-and-leaf plots, and box-and-whisker plots for a purpose.	Constructing Box-and-Whisker Plots
MA.8.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, diagrams, models, and graphs including scatter plots, stem-and-leaf plots, and box-and-whisker plots for a purpose.	Interpret Box-and-Whisker Plots
MA.8.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, diagrams, models, and graphs including scatter plots, stem-and-leaf plots, and box-and-whisker plots for a purpose.	Scatter Plots and Line of Best Fit
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Constructing Box-and-Whisker Plots
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Interpret Box-and-Whisker Plots
MA.8.4.2.2.a	Represent mathematical information using tables, charts, scatter plots, stem-and-leaf plots, box-and-whisker plots, pictures, models, drawings, or other appropriate forms including title, labels, appropriate and consistent scales, and accurate display of data.	Scatter Plots and Line of Best Fit
MA.8.5.1.2.a	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Direct Variation
MA.8.5.1.2.b	Explain how two or more different models represent the same mathematical idea.	Direct Variation
MA.8.5.1.2.c	Create two equivalent mathematical models or representations for a given situation.	Direct Variation
Subject:	Mathematics	
Standard:	Learning Standards	
Subject:	Mathematics	

**Alignment Report for Pre-algebra
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Grade: Grade 6		
Section	Description	Lesson Title
MA.6.6.1.A	Compare and order non-negative fractions, decimals, and integers using the number line, lists, and the symbols $<$, $>$, or $=$.	Comparing Rational Numbers
MA.6.6.1.A	Compare and order non-negative fractions, decimals, and integers using the number line, lists, and the symbols $<$, $>$, or $=$.	Fraction, Percent, and Decimal Equivalents
MA.6.6.1.B	Represent multiplication and division of non-negative fractions and decimals using area models and the number line, and connect each representation to the related equation.	Area of Parallelograms
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Multiplying and Dividing Rational Numbers 1
MA.6.6.1.C	Estimate products and quotients of fractions and decimals.	Multiplying and Dividing Rational Numbers 2
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Multiplying and Dividing Rational Numbers 1
MA.6.6.1.D	Fluently and accurately multiply and divide non-negative fractions and explain the inverse relationship between multiplication and division with fractions.	Rewriting Equations
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Properties of the Real Numbers
MA.6.6.1.G	Describe the effect of multiplying or dividing a number by one, by zero, by a number between zero and one, and by a number greater than one.	Subsets of the Real Number System
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Adding and Subtracting Rational Numbers
MA.6.6.1.H	Solve single- and multi-step word problems involving operations with fractions and decimals and verify the solutions.	Proper Fractions
MA.6.6.2.A	Write a mathematical expression or equation with variables to represent information in a table or given situation.	Direct Variation
MA.6.6.2.A	Write a mathematical expression or equation with variables to represent information in a table or given situation.	One-Step Equations 1
MA.6.6.2.A	Write a mathematical expression or equation with variables to represent information in a table or given situation.	One-Step Equations 2
MA.6.6.2.B	Draw a first-quadrant graph in the coordinate plane to represent information in a table or given situation.	Analyzing Graphs
MA.6.6.2.B	Draw a first-quadrant graph in the coordinate plane to represent information in a table or given situation.	Direct Variation
MA.6.6.2.C	Evaluate mathematical expressions when the value for each variable is given.	Using Variables
MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	Applications

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MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	Distributive Property
MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	Evaluating Expressions
MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	Multiplying and Dividing Rational Numbers 2
MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	One-Step Equations
MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	Order of Operations
MA.6.6.2.D	Apply the commutative, associative, and distributive properties, and use the order of operations to evaluate mathematical expressions.	Properties of the Real Numbers
MA.6.6.2.E	Solve one-step equations and verify solutions.	One-Step Equations
MA.6.6.2.E	Solve one-step equations and verify solutions.	One-Step Equations 1
MA.6.6.2.E	Solve one-step equations and verify solutions.	One-Step Equations 2
MA.6.6.2.E	Solve one-step equations and verify solutions.	Problem Solving with Rational Numbers
MA.6.6.2.E	Solve one-step equations and verify solutions.	Solving One-Step Equations
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Applications
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Combine Like Terms
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Distributive Property
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	One-Step Equations 1
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	One-Step Equations 2
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Problem Solving
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Solving Equations by Combining Like Terms
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Solving One-Step Equations
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Solving Two-Step Equations
MA.6.6.2.F	Solve word problems using mathematical expressions and equations and verify solutions.	Two-Step Equations
MA.6.6.3.A	Identify and write ratios as comparisons of part-to-part and part-to-whole relationships.	Proportions
MA.6.6.3.B	Write ratios to represent a variety of rates.	Applications
MA.6.6.3.B	Write ratios to represent a variety of rates.	Direct Variation
MA.6.6.3.C	Represent percents visually and numerically, and convert between the fractional, decimal, and percent representations of a number.	Comparing Rational Numbers
MA.6.6.3.C	Represent percents visually and numerically, and convert between the fractional, decimal, and percent representations of a number.	Direct Variation

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MA.6.6.3.C	Represent percents visually and numerically, and convert between the fractional, decimal, and percent representations of a number.	Fraction, Percent, and Decimal Equivalents
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Applications
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Applications
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	More Applications
MA.6.6.3.D	Solve single- and multi-step word problems involving ratios, rates, and percents, and verify the solutions.	Proportions
MA.6.6.3.E	Identify the ratio of the circumference to the diameter of a circle as the constant pi , and recognize $22/7$ and 3.14 as common approximations of pi.	Circles
MA.6.6.3.E	Identify the ratio of the circumference to the diameter of a circle as the constant pi , and recognize $22/7$ and 3.14 as common approximations of pi.	Perimeter and Circumference
MA.6.6.3.F	Determine the experimental probability of a simple event using data collected in an experiment.	All That's Fair In...
MA.6.6.3.F	Determine the experimental probability of a simple event using data collected in an experiment.	Collecting Data
MA.6.6.3.F	Determine the experimental probability of a simple event using data collected in an experiment.	Disjointed and Overlapping Events
MA.6.6.3.F	Determine the experimental probability of a simple event using data collected in an experiment.	Independent and Dependent Events
MA.6.6.3.F	Determine the experimental probability of a simple event using data collected in an experiment.	Probability and Odds
MA.6.6.3.F	Determine the experimental probability of a simple event using data collected in an experiment.	Probability of Single Events
MA.6.6.3.F	Determine the experimental probability of a simple event using data collected in an experiment.	Simulate a Problem
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	All That's Fair In...
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	Disjointed and Overlapping Events
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	Independent and Dependent Events
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	Probability and Odds
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	Probability of Single Events
MA.6.6.3.G	Determine the theoretical probability of an event and its complement and represent the probability as a fraction or decimal from 0 to 1 or as a percent from 0 to 100.	Simulate a Problem
MA.6.6.4.A	Determine the circumference and area of circles.	Area of Circles
MA.6.6.4.A	Determine the circumference and area of circles.	Circles
MA.6.6.4.A	Determine the circumference and area of circles.	Perimeter and Circumference

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MA.6.6.4.B	Determine the perimeter and area of a composite figure that can be divided into triangles, rectangles, and parts of circles.	Composite Figures
MA.6.6.4.C	Solve single- and multi-step word problems involving the relationships among radius, diameter, circumference, and area of circles, and verify the solutions.	Area of Circles
MA.6.6.4.D	Recognize and draw two-dimensional representations of three-dimensional figures.	Nets
MA.6.6.4.E	Determine the surface area and volume of rectangular prisms using appropriate formulas and explain why the formulas work.	Changes in Volume
MA.6.6.4.E	Determine the surface area and volume of rectangular prisms using appropriate formulas and explain why the formulas work.	Surface Area of Composite Figures
MA.6.6.4.E	Determine the surface area and volume of rectangular prisms using appropriate formulas and explain why the formulas work.	Surface Area of Rectangular Prisms
MA.6.6.4.E	Determine the surface area and volume of rectangular prisms using appropriate formulas and explain why the formulas work.	Volume of Composite Figures
MA.6.6.4.E	Determine the surface area and volume of rectangular prisms using appropriate formulas and explain why the formulas work.	Volume of Rectangular Prisms
MA.6.6.4.E	Determine the surface area and volume of rectangular prisms using appropriate formulas and explain why the formulas work.	Volume of Spheres
MA.6.6.4.F	Determine the surface area of a pyramid.	Surface Area of Composite Figures
MA.6.6.4.F	Determine the surface area of a pyramid.	Surface Area of Pyramids and Cones
MA.6.6.5.A	Use strategies for mental computations with non-negative whole numbers, fractions, and decimals.	Proper Fractions
MA.6.6.5.B	Locate positive and negative integers on the number line and use integers to represent quantities in various contexts.	Comparing Rational Numbers
MA.6.6.5.B	Locate positive and negative integers on the number line and use integers to represent quantities in various contexts.	The Number Line
MA.6.6.5.C	Compare and order positive and negative integers using the number line, lists, and the symbols $<$, $>$, or $=$.	Comparing Rational Numbers
MA.6.6.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Two-Step Equations
MA.6.6.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Direct Variation
MA.6.6.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Translating Expressions and Equations
MA.6.6.6.H	Make and test conjectures based on data (or information) collected from explorations and experiments.	Collecting Data
Grade:	Grade 7	
Section	Description	Lesson Title
MA.7.7.1.A	Compare and order rational numbers using the number line, lists, and the symbols $<$, $>$, or $=$.	Comparing Rational Numbers

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MA.7.7.1.A	Compare and order rational numbers using the number line, lists, and the symbols $<$, $>$, or $=$.	Fraction, Percent, and Decimal Equivalents
MA.7.7.1.B	Represent addition, subtraction, multiplication, and division of positive and negative integers visually and numerically.	Addition of Integers
MA.7.7.1.B	Represent addition, subtraction, multiplication, and division of positive and negative integers visually and numerically.	Multiplying and Dividing Integers
MA.7.7.1.B	Represent addition, subtraction, multiplication, and division of positive and negative integers visually and numerically.	Subtraction of Integers
MA.7.7.1.D	Define and determine the absolute value of a number.	The Number Line
MA.7.7.1.E	Solve two-step linear equations.	Applications
MA.7.7.1.E	Solve two-step linear equations.	Combine Like Terms
MA.7.7.1.E	Solve two-step linear equations.	Distributive Property
MA.7.7.1.E	Solve two-step linear equations.	Problem Solving with Rational Numbers
MA.7.7.1.E	Solve two-step linear equations.	Solving Equations by Combining Like Terms
MA.7.7.1.E	Solve two-step linear equations.	Solving Two-Step Equations
MA.7.7.1.E	Solve two-step linear equations.	Two-Step Equations
MA.7.7.1.E	Solve two-step linear equations.	Two-Step Equations
MA.7.7.1.F	Write an equation that corresponds to a given problem situation, and describe a problem situation that corresponds to a given equation.	One-Step Equations 1
MA.7.7.1.F	Write an equation that corresponds to a given problem situation, and describe a problem situation that corresponds to a given equation.	One-Step Equations 2
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	One-Step Equations 1
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	One-Step Equations 2
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Problem Solving with Rational Numbers
MA.7.7.1.G	Solve single- and multi-step word problems involving rational numbers and verify the solutions.	Solving One-Step Equations
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Applications
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Proper Fractions
MA.7.7.2.A	Mentally add, subtract, multiply, and divide simple fractions, decimals, and percents.	Solving Percent Problems
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	Applications
MA.7.7.2.B	Solve single- and multi-step problems involving proportional relationships and verify the solutions.	One-Step Equations
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Corresponding Parts
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Indirect Measure
MA.7.7.2.C	Describe proportional relationships in similar figures and solve problems involving similar figures.	Quadrilaterals
MA.7.7.2.D	Make scale drawings and solve problems related to scale.	Models and Scales

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MA.7.7.2.E	Represent proportional relationships using graphs, tables, and equations, and make connections among the representations.	Direct Variation
MA.7.7.2.F	Determine the slope of a line corresponding to the graph of a proportional relationship and relate slope to similar triangles.	More Slope-Intercept Form
MA.7.7.2.F	Determine the slope of a line corresponding to the graph of a proportional relationship and relate slope to similar triangles.	Slope-Intercept Form
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Unit Conversion within Customary Units
MA.7.7.2.I	Solve single- and multi-step problems involving conversions within or between measurement systems and verify the solutions.	Unit Conversion within Metric Units
MA.7.7.3.A	Determine the surface area and volume of cylinders using the appropriate formulas and explain why the formulas work.	Changes in Volume
MA.7.7.3.A	Determine the surface area and volume of cylinders using the appropriate formulas and explain why the formulas work.	Surface Area of Composite Figures
MA.7.7.3.A	Determine the surface area and volume of cylinders using the appropriate formulas and explain why the formulas work.	Surface Area of Cylinders
MA.7.7.3.A	Determine the surface area and volume of cylinders using the appropriate formulas and explain why the formulas work.	Volume of Composite Figures
MA.7.7.3.A	Determine the surface area and volume of cylinders using the appropriate formulas and explain why the formulas work.	Volume of Cylinders
MA.7.7.3.B	Determine the volume of pyramids and cones using formulas.	Changes in Volume
MA.7.7.3.B	Determine the volume of pyramids and cones using formulas.	Surface Area of Pyramids and Cones
MA.7.7.3.B	Determine the volume of pyramids and cones using formulas.	Volume of Composite Figures
MA.7.7.3.B	Determine the volume of pyramids and cones using formulas.	Volume of Cones
MA.7.7.3.B	Determine the volume of pyramids and cones using formulas.	Volume of Pyramids
MA.7.7.3.B	Determine the volume of pyramids and cones using formulas.	Volume of Spheres
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Affects of Dimensional Changes
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Area of Parallelograms

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MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Changes in Volume
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Surface Area of Cylinders
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Surface Area of Triangular Prisms
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Volume of Rectangular Prisms
MA.7.7.3.C	Describe the effect that a change in scale factor on one attribute of a two- or three-dimensional figure has on other attributes of the figure, such as the side or edge length, perimeter, area, surface area, or volume of a geometric figure.	Volume of Triangular Prisms
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Surface Area of Composite Figures
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Surface Area of Cylinders
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Surface Area of Pyramids and Cones
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Surface Area of Rectangular Prisms
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Surface Area of Triangular Prisms
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Volume of Composite Figures
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Volume of Cones
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Volume of Cylinders
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Volume of Pyramids
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Volume of Rectangular Prisms
MA.7.7.3.D	Solve single- and multi-step word problems involving surface area or volume and verify the solutions.	Volume of Triangular Prisms
MA.7.7.4.A	Represent the sample space of probability experiments in multiple ways, including tree diagrams and organized lists.	Mixed Review
MA.7.7.4.A	Represent the sample space of probability experiments in multiple ways, including tree diagrams and organized lists.	Tree Diagrams and the Counting Principle
MA.7.7.4.B	Determine the theoretical probability of a particular event and use theoretical probability to predict experimental outcomes.	All That's Fair In...

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MA.7.7.4.B	Determine the theoretical probability of a particular event and use theoretical probability to predict experimental outcomes.	Disjointed and Overlapping Events
MA.7.7.4.B	Determine the theoretical probability of a particular event and use theoretical probability to predict experimental outcomes.	Independent and Dependent Events
MA.7.7.4.B	Determine the theoretical probability of a particular event and use theoretical probability to predict experimental outcomes.	Probability and Odds
MA.7.7.4.B	Determine the theoretical probability of a particular event and use theoretical probability to predict experimental outcomes.	Probability of Single Events
MA.7.7.4.B	Determine the theoretical probability of a particular event and use theoretical probability to predict experimental outcomes.	Simulate a Problem
MA.7.7.4.C	Describe a data set using measures of center (median, mean, and mode) and variability (maximum, minimum, and range) and evaluate the suitability and limitations of using each measure for different situations.	Bar Graphs
MA.7.7.4.C	Describe a data set using measures of center (median, mean, and mode) and variability (maximum, minimum, and range) and evaluate the suitability and limitations of using each measure for different situations.	Measures of Central Tendency and Dispersion
MA.7.7.4.D	Construct and interpret histograms, stem-and-leaf plots, and circle graphs.	Circle Graphs
MA.7.7.4.D	Construct and interpret histograms, stem-and-leaf plots, and circle graphs.	Frequency and Histograms
MA.7.7.5.A	Graph ordered pairs of rational numbers and determine the coordinates of a given point in the coordinate plane.	Analyzing Graphs
MA.7.7.5.B	Write the prime factorization of whole numbers greater than 1, using exponents when appropriate.	Number Theory
MA.7.7.6.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Two-Step Equations
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Direct Variation
MA.7.7.6.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Translating Expressions and Equations
MA.7.7.6.H	Make and test conjectures based on data (or information) collected from explorations and experiments.	Collecting Data
Grade:	Grade 8	
Section	Description	Lesson Title
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	One-Step Inequalities
MA.8.8.1.B	Solve one- and two-step linear inequalities and graph the solutions on the number line.	Two-Step Inequalities
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Functions
MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Relations and Functions

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MA.8.8.1.C	Represent a linear function with a verbal description, table, graph, or symbolic expression, and make connections among these representations.	Translating Expressions and Equations
MA.8.8.1.D	Determine the slope and y-intercept of a linear function described by a symbolic expression, table, or graph.	More Slope-Intercept Form
MA.8.8.1.D	Determine the slope and y-intercept of a linear function described by a symbolic expression, table, or graph.	Slope
MA.8.8.1.D	Determine the slope and y-intercept of a linear function described by a symbolic expression, table, or graph.	Slope-Intercept Form
MA.8.8.1.D	Determine the slope and y-intercept of a linear function described by a symbolic expression, table, or graph.	Using Intercepts
MA.8.8.1.E	Interpret the slope and y-intercept of the graph of a linear function representing a contextual situation.	Graphing
MA.8.8.1.E	Interpret the slope and y-intercept of the graph of a linear function representing a contextual situation.	More Slope-Intercept Form
MA.8.8.1.E	Interpret the slope and y-intercept of the graph of a linear function representing a contextual situation.	Slope
MA.8.8.1.E	Interpret the slope and y-intercept of the graph of a linear function representing a contextual situation.	Slope-Intercept Form
MA.8.8.1.E	Interpret the slope and y-intercept of the graph of a linear function representing a contextual situation.	Using Intercepts
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	One-Step Equations 1
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	One-Step Equations 2
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Problem Solving with Rational Numbers
MA.8.8.1.F	Solve single- and multi-step word problems involving linear functions and verify the solutions.	Solving One-Step Equations
MA.8.8.1.G	Determine and justify whether a given verbal description, table, graph, or symbolic expression represents a linear relationship.	Direct Variation
MA.8.8.1.G	Determine and justify whether a given verbal description, table, graph, or symbolic expression represents a linear relationship.	Geometric Sequences
MA.8.8.2.A	Identify pairs of angles as complementary, supplementary, adjacent, or vertical, and use these relationships to determine missing angle measures.	Classify and Measure Angles
MA.8.8.2.A	Identify pairs of angles as complementary, supplementary, adjacent, or vertical, and use these relationships to determine missing angle measures.	Perpendicular and Parallel Lines, Part 1
MA.8.8.2.A	Identify pairs of angles as complementary, supplementary, adjacent, or vertical, and use these relationships to determine missing angle measures.	Perpendicular and Parallel Lines, Part 2
MA.8.8.2.B	Determine missing angle measures using the relationships among the angles formed by parallel lines and transversals.	Perpendicular and Parallel Lines, Part 1
MA.8.8.2.B	Determine missing angle measures using the relationships among the angles formed by parallel lines and transversals.	Perpendicular and Parallel Lines, Part 2
MA.8.8.2.C	Demonstrate that the sum of the angle measures in a triangle is 180 degrees, and apply this fact to determine the sum of the angle measures of polygons and to determine unknown angle measures.	Classifying Triangles and the Triangle Inequality Theorem

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MA.8.8.2.C	Demonstrate that the sum of the angle measures in a triangle is 180 degrees, and apply this fact to determine the sum of the angle measures of polygons and to determine unknown angle measures.	Interior and Exterior Measures of Polygons
MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Dilations
MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Reflections
MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Rotations
MA.8.8.2.D	Represent and explain the effect of one or more translations, rotations, reflections, or dilations (centered at the origin) of a geometric figure on the coordinate plane.	Translations
MA.8.8.2.E	Quickly recall the square roots of the perfect squares from 1 through 225 and estimate the square roots of other positive numbers.	Square Roots
MA.8.8.2.F	Demonstrate the Pythagorean Theorem and its converse and apply them to solve problems.	Distance and Midpoint
MA.8.8.2.F	Demonstrate the Pythagorean Theorem and its converse and apply them to solve problems.	Pythagorean Theorem, Part 1
MA.8.8.2.F	Demonstrate the Pythagorean Theorem and its converse and apply them to solve problems.	Pythagorean Theorem, Part 2
MA.8.8.2.G	Apply the Pythagorean Theorem to determine the distance between two points on the coordinate plane.	Distance and Midpoint
MA.8.8.3.B	Select, construct, and analyze data displays, including box-and-whisker plots, to compare two sets of data.	Constructing Box-and-Whisker Plots
MA.8.8.3.B	Select, construct, and analyze data displays, including box-and-whisker plots, to compare two sets of data.	Interpret Box-and-Whisker Plots
MA.8.8.3.C	Create a scatterplot for a two-variable data set, and, when appropriate, sketch and use a trend line to make predictions.	Scatter Plots and Line of Best Fit
MA.8.8.3.D	Describe different methods of selecting statistical samples and analyze the strengths and weaknesses of each method.	Collecting Data
MA.8.8.3.F	Determine probabilities for mutually exclusive, dependent, and independent events for small sample spaces.	Disjointed and Overlapping Events
MA.8.8.3.F	Determine probabilities for mutually exclusive, dependent, and independent events for small sample spaces.	Independent and Dependent Events
MA.8.8.3.F	Determine probabilities for mutually exclusive, dependent, and independent events for small sample spaces.	Mixed Review
MA.8.8.3.F	Determine probabilities for mutually exclusive, dependent, and independent events for small sample spaces.	Tree Diagrams and the Counting Principle
MA.8.8.4.A	Represent numbers in scientific notation, and translate numbers written in scientific notation into standard form.	Scientific Notation
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Evaluating Expressions
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Exponents

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MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Multiplying and Dividing Integers
MA.8.8.4.C	Evaluate numerical expressions involving non-negative integer exponents using the laws of exponents and the order of operations.	Order of Operations
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	One-Step Equations 1
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	One-Step Equations 2
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Problem Solving with Rational Numbers
MA.8.8.5.D	Represent a problem situation, describe the process used to solve the problem, and verify the reasonableness of the solution.	Two-Step Equations
MA.8.8.5.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Direct Variation
MA.8.8.5.E	Communicate the answer(s) to the question(s) in a problem using appropriate representations, including symbols and informal and formal mathematical language.	Translating Expressions and Equations
MA.8.8.5.H	Make and test conjectures based on data (or information) collected from explorations and experiments.	Collecting Data

Alignment Report for Algebra I
Washington - Mathematics - Grades 9-12

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.a	Explain the meaning of scientific notation using words, pictures, symbols, or numbers.	Scientific Notation
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Classifying and Comparing Numbers
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Complex Fractions
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Decimal - Fraction Conversions
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Division
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Multiplication
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Multiply Radicals
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Raising to a Power
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Scientific Notation
MA.9-10.1.1.1.c	Read and translate numbers represented in scientific notation from calculators and other technology, texts, tables, and charts.	Scientific Notation
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Mixture and Interest Problems
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Scientific Notation
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Direct Variation
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Variables on Both Sides
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Direct Variation
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Variables on Both Sides
MA.9-10.1.1.5.a	Compute using scientific notation.	Money and Unit Pricing
MA.9-10.1.1.5.a	Compute using scientific notation.	Scientific Notation
MA.9-10.1.1.5.b	Use scientific notation to simplify a calculation.	Scientific Notation
MA.9-10.1.1.6.a	Calculate using order of operations on rational numbers.	Exponents and Order of Operations
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Add and Subtract with Unlike Denominators

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MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Commutative and Associative Properties
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Complex Fractions
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Exponents and Order of Operations
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Money and Unit Pricing
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Negative Exponents
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Simplifying Expressions
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Simplifying Rational Expressions
MA.9-10.1.1.6.c	Apply strategies to complete multi-step computations fluently.	Money and Unit Pricing
MA.9-10.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Classifying and Comparing Numbers
MA.9-10.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Using the LCD
MA.9-10.1.1.8.c	Describe a strategy used for estimation using multi-step computations.	Money and Unit Pricing
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Mixture and Interest Problems
MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Mixture and Interest Problems
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Transformations
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Transformations
MA.9-10.1.4.3.a	Determine whether claims made about results are based on biased data due to sampling.	Measures of Central Tendency
MA.9-10.1.4.3.a	Determine whether claims made about results are based on biased data due to sampling.	Sampling and Outcomes
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Measures of Central Tendency
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Project: Data Analysis
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Project: Probability
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Sampling and Outcomes
MA.9-10.1.4.3.e	Determine how data collection methods impact the accuracy of the results.	Project: Data Analysis
MA.9-10.1.4.3.e	Determine how data collection methods impact the accuracy of the results.	Project: Probability
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	More Than Two Unknowns
MA.9-10.1.4.5.e	Determine whether a prediction is reasonable based on the given data or graph.	Interpreting Data

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MA.9-10.1.4.5.e	Determine whether a prediction is reasonable based on the given data or graph.	Project: Data Analysis
MA.9-10.1.5.1.b	Identify, extend, or create a geometric sequence or pattern.	Geometric Sequences
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Function Notation
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Identifying Functions
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Modeling Functions
MA.9-10.1.5.2.d	Write an equation for a line given a graph of the line.	Slope
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Mixture and Interest Problems
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Solving Compound Inequalities
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Two Unknowns
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Variables and Expressions
MA.9-10.1.5.4.a	Use variables to write expressions and equations to represent situations that can be described using repeated addition or repeated multiplication.	More Than Two Unknowns
MA.9-10.1.5.4.a	Use variables to write expressions and equations to represent situations that can be described using repeated addition or repeated multiplication.	Variables and Expressions
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	Variables and Expressions
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	More Than Two Unknowns
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	Variables and Expressions
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Add and Subtract with Unlike Denominators
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Complex Fractions
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Distributive Property
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Negative Exponents
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Simplifying Expressions
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Simplifying Rational Expressions
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	The Distributive Property
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Add and Subtract with Unlike Denominators
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Complex Fractions
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Division

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MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Exponents and Order of Operations
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Multiplication
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Negative Exponents
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Raising to a Power
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Simplifying Expressions
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Simplifying Rational Expressions
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Add and Subtract with Unlike Denominators
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Commutative and Associative Properties
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Complex Fractions
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Exponents and Order of Operations
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Negative Exponents
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Simplifying Expressions
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Simplifying Rational Expressions
MA.9-10.1.5.5.d	Evaluate formulas or expressions that involve squares or cubes.	Complex Fractions
MA.9-10.1.5.5.d	Evaluate formulas or expressions that involve squares or cubes.	Evaluating Expressions
MA.9-10.1.5.5.d	Evaluate formulas or expressions that involve squares or cubes.	Exponential Expressions
MA.9-10.1.5.5.d	Evaluate formulas or expressions that involve squares or cubes.	Using the LCD
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable.	Addition Property of Equality
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable.	Combining Like Terms
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable.	Literal Equations
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable.	Variables on Both Sides
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Graphing Systems of Equations
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Matrices
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Solution of a System
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Substitution Method
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Addition Method
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Graphing Systems of Equations
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Using Two Variables
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	The Distributive Property
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Variables and Expressions
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Variables on Both Sides
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Addition Property of Inequality
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Inequalities in Two Variables
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Multiplication Property of Inequality
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Problem Solving
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Graphing Systems of Equations
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Mixture and Interest Problems
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	Applications of Quadratics
MA.9-10.2.2.3.c	Determine when an approach is unproductive and modifies or tries a new approach.	Applications of Quadratics

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MA.9-10.2.2.4.a	Check work for mathematical accuracy.	Radical Equations
MA.9-10.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Radical Equations
MA.9-10.2.2.4.d	Check to be certain the solution answers the question.	Radical Equations
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Add and Subtract Signed Numbers
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Multiply and Divide Signed Numbers
MA.9-10.3.2.2.b	Evaluate a conclusion based on given information and/or procedures used and describes a revision as needed.	Radical Equations
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Variables on Both Sides
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Project: Data Analysis
MA.9-10.4.1.1.b	Develop a plan, not a survey, to collect information, including what mathematical information is needed and where and how to find the information.	Project: Data Analysis
MA.9-10.4.1.1.b	Develop a plan, not a survey, to collect information, including what mathematical information is needed and where and how to find the information.	Project: Probability
MA.9-10.4.1.1.d	Follow a plan, not a survey, to collect mathematical information for a given audience and purpose.	Project: Data Analysis
MA.9-10.4.1.1.d	Follow a plan, not a survey, to collect mathematical information for a given audience and purpose.	Project: Probability
MA.9-10.4.2.1.a	Select a useful format and organize mathematical information for a given purpose.	Project: Data Analysis
MA.9-10.4.2.1.a	Select a useful format and organize mathematical information for a given purpose.	Project: Probability
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Mixture and Interest Problems
MA.9-10.5.1.2.a	Explain or demonstrate how two or more different models represent the same mathematical idea.	Add and Subtract Signed Numbers
MA.9-10.5.1.2.a	Explain or demonstrate how two or more different models represent the same mathematical idea.	Multiply and Divide Signed Numbers
MA.9-10.5.1.2.b	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Add and Subtract Signed Numbers
MA.9-10.5.1.2.b	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Multiply and Divide Signed Numbers
MA.9-10.5.1.2.b	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Using a Chart
MA.9-10.5.1.2.c	Create two or more equivalent models or representations for a given situation.	Add and Subtract Signed Numbers
MA.9-10.5.1.2.c	Create two or more equivalent models or representations for a given situation.	Multiply and Divide Signed Numbers
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Mixture and Interest Problems
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Variables on Both Sides

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Grade:	Grades: 11-12	
Subject:	Mathematics	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.a	Read and use scientific and exponential notation.	Complex Fractions
MA.9-10.1.1.1.a	Read and use scientific and exponential notation.	Scientific Notation
MA.9-10.1.1.1.b	Identify a real-life situation to match a particular number written in scientific or exponential notation and justify the answer.	Scientific Notation
MA.9-10.1.1.1.c	Use scientific or exponential notation to simplify a problem.	Add and Subtract Radicals
MA.9-10.1.1.1.c	Use scientific or exponential notation to simplify a problem.	Divide Radicals
MA.9-10.1.1.1.c	Use scientific or exponential notation to simplify a problem.	Scientific Notation
MA.9-10.1.1.1.d	Illustrate the meaning of scientific notation using pictures, diagrams, or numbers.	Scientific Notation
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Scientific Notation
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Direct Variation
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Proportions
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Variables on Both Sides
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Direct Variation
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Proportions
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Variables on Both Sides
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Proportions
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Variables on Both Sides
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Direct Variation
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Proportions
MA.9-10.1.1.4.e	Explain, illustrate, or describe examples of direct proportion.	Direct Variation
MA.9-10.1.1.4.e	Explain, illustrate, or describe examples of direct proportion.	Proportions
MA.9-10.1.1.4.f	Explain, illustrate, or describe examples of inverse proportion.	Proportions
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Direct Variation
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Proportions
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Complex Fractions

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MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Division
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Exponents and Order of Operations
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Money and Unit Pricing
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Multiplication
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Raising to a Power
MA.9-10.1.1.6.b	Calculate using order of operations on all forms of rational numbers (e.g., $(3 * 2+5)^2 - 8, 22 + 32$).	Exponents and Order of Operations
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Add and Subtract with Unlike Denominators
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Commutative and Associative Properties
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Complex Fractions
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Distributive Property
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Negative Exponents
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Simplifying Expressions
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Simplifying Rational Expressions
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Add and Subtract Signed Numbers
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Addition Property of Equality
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Classifying and Comparing Numbers
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Distributive Property
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Mixture and Interest Problems
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Multiply and Divide Signed Numbers
MA.9-10.1.1.8.d	Describe various strategies used during estimation involving integers, rational numbers.	Classifying and Comparing Numbers
MA.9-10.1.1.8.d	Describe various strategies used during estimation involving integers, rational numbers.	Using the LCD

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MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Variables on Both Sides
MA.9-10.1.2.6.c	Estimate quantities using derived units of measure (e.g., distance or time using miles per hour, cost using unit cost).	Applications of Rational Equations
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Transformations
MA.9-10.1.4.1.d	Explain and give examples of compound events.	Compound Events
MA.9-10.1.4.2.b	Generate the outcomes and probability of multiple independent and dependent events using a model or procedure (e.g., tree diagram, area model, counting procedures).	Sampling and Outcomes
MA.9-10.1.4.3.a	Identify sources of bias in data collection questions, samples, and/or methods and describe how such bias can be controlled.	Measures of Central Tendency
MA.9-10.1.4.3.c	Collect data using appropriate methods.	Project: Data Analysis
MA.9-10.1.4.3.c	Collect data using appropriate methods.	Project: Probability
MA.9-10.1.4.3.d	Use technology appropriately to collect data.	Project: Data Analysis
MA.9-10.1.4.3.d	Use technology appropriately to collect data.	Project: Probability
MA.9-10.1.4.3.e	Identify inappropriate data collection methods that might impact the accuracy of the results of a given situation.	Project: Data Analysis
MA.9-10.1.4.3.e	Identify inappropriate data collection methods that might impact the accuracy of the results of a given situation.	Project: Probability
MA.9-10.1.4.3.f	Determine whether the sample for a given study was from a representative sample.	Measures of Central Tendency
MA.9-10.1.4.3.g	Determine whether the methods of data collection used were appropriate for a given question or population.	Project: Data Analysis
MA.9-10.1.4.3.g	Determine whether the methods of data collection used were appropriate for a given question or population.	Project: Probability
MA.9-10.1.4.4.d	Match an equation with a set of data.	Writing a Function Rule
MA.9-10.1.4.6.a	Identify trends in a set of data in order to make a prediction based on the information.	Interpreting Data
MA.9-10.1.4.6.a	Identify trends in a set of data in order to make a prediction based on the information.	Project: Data Analysis
MA.9-10.1.4.6.f	Justify or refute claims and supporting arguments based on data.	Project: Data Analysis
MA.9-10.1.5.1.b	Identify, extend, or create a geometric or arithmetic sequence or pattern.	Arithmetic Sequences
MA.9-10.1.5.1.b	Identify, extend, or create a geometric or arithmetic sequence or pattern.	Geometric Sequences
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Identifying Functions
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Modeling Functions
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope-Intercept Form
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (2)
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (3)

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MA.9-10.1.5.2.c	Identify or write an equation or rule to describe a pattern, sequence, and/or a linear function.	Variables and Expressions
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Addition Property of Inequality
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Compound Inequality Graphs
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Graphing Systems of Equations
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Inequalities in Two Variables
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Multiplication Property of Inequality
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Systems of Inequalities
MA.9-10.1.5.2.g	Write a story that represents a given linear equation or expression.	Linear Equations
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Linear Equations
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Solution of a System
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Solving Compound Inequalities
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Two Unknowns
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Variables and Expressions
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Variables on Both Sides
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Writing Equations From Word Problems
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Addition Property of Inequality
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Complex Fractions
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Compound Inequality Graphs
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Inequalities in Two Variables

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MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Linear Equations
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Multiplication Property of Inequality
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Multiply Radicals
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Square Root Method
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Variables and Expressions
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Writing Equations From Word Problems
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Linear Equations
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Variables and Expressions
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Writing Equations From Word Problems
MA.9-10.1.5.4.c	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated multiplication (e.g., models that are exponential such as savings accounts and early stages of population growth).	Variables and Expressions
MA.9-10.1.5.4.d	Recognize and write equations in recursive form for additive models (e.g., starting value, New = Old + some number).	Arithmetic Sequences
MA.9-10.1.5.4.e	Recognize and write equations in recursive form for multiplicative models (e.g., starting value, New = Old x some number).	Geometric Sequences
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Mixture and Interest Problems
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Variables and Expressions
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Add and Subtract with Unlike Denominators

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MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Complex Fractions
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Division
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Evaluating Expressions
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Exponential Expressions
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Multiplication
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Negative Exponents
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Raising to a Power
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Simplifying Expressions
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Simplifying Rational Expressions
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Using the LCD
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Add and Subtract with Unlike Denominators
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Complex Fractions
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Division
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Multiplication
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Negative Exponents
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Raising to a Power
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Simplifying Expressions
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Simplifying Rational Expressions
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Add and Subtract with Unlike Denominators
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Commutative and Associative Properties
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Complex Fractions
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Distributive Property
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Negative Exponents
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Simplifying Expressions
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Simplifying Rational Expressions
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Addition Property of Equality
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Combining Like Terms

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MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Literal Equations
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Variables and Expressions
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Variables on Both Sides
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Variables on Both Sides
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Addition Method
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Graphing Systems of Equations
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Matrices
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Solution of a System
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Using Two Variables
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Addition Method
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Graphing Systems of Equations
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Using Two Variables
MA.9-10.1.5.6.e	Solve multi-step equations.	The Distributive Property
MA.9-10.1.5.6.e	Solve multi-step equations.	Variables on Both Sides
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Addition Method
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Graphing Systems of Equations
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Using Two Variables
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Variables on Both Sides
MA.9-10.1.5.6.g	Determine when two linear options yield the same outcome (e.g., given two different investment or profit options, determine when both options will yield the same result).	Solution of a System
MA.9-10.1.5.6.h	Use systems of equations to determine the most advantageous outcome given a situation (e.g., given two investment options, determine under what conditions each will yield the best result).	Graphing Systems of Equations
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Addition Method

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MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Graphing Systems of Equations
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Linear Equations
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Using Two Variables
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Addition Method
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Graphing Systems of Equations
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Using Two Variables
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Addition Method
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Graphing Systems of Equations
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Using Two Variables
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Variables and Expressions
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Applications of Quadratics
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Radical Equations

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MA.9-10.3.2.2.c	Identify trends in a set of data in order to make a prediction based on the information.	Interpreting Data
MA.9-10.3.2.2.c	Identify trends in a set of data in order to make a prediction based on the information.	Project: Data Analysis
MA.9-10.3.3.2.a	Examine a set of data, research other sources to see if the data is consistent, find articles written to see if the data makes sense, to develop a logical point of view and to support that view.	Project: Data Analysis
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Project: Data Analysis
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Project: Probability
MA.9-10.5.1.1.a	Estimate derived units of measure (e.g., miles per hour, people/year, grams/cubic centimeters).	Applications of Rational Equations
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope-Intercept Form
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (2)
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (3)
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Addition Method
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Graphing Systems of Equations
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Matrices
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Solution of a System
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Using Two Variables
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Direct Variation
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Proportions
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Variables on Both Sides
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Variables on Both Sides
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Algebra	
Section	Description	Lesson Title
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Interpreting Data
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	More Than Two Unknowns

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MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Linear Equations
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Slope
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Writing Equations From Word Problems
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Interpreting Data
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Quadratic Functions
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Add and Subtract Signed Numbers
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Addition Property of Equality
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Classifying and Comparing Numbers
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Distributive Property
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Multiply and Divide Signed Numbers
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Evaluating Expressions
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Exponential Expressions
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Using the LCD
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Variables and Expressions
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Add and Subtract with Unlike Denominators
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Complex Fractions
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Division
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Evaluating Expressions

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MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Exponential Expressions
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Multiply Radicals
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Negative Exponents
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Raising to a Power
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Expressions
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Rational Expressions
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Using the LCD
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Add and Subtract Polynomials
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Combining Like Terms
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Commutative and Associative Properties
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Complete Factorization
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Distributive Property
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Dividing by a Monomial
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Out the GCF
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Trinomials: Part 1
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Trinomials: Part 2
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Factoring by Grouping
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Greatest Common Factor
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Grouping Symbols
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Long Division
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Special Cases
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Add and Subtract Polynomials
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Dividing by a Monomial
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Grouping Symbols
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Long Division
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Multiplying all Polynomials

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MA.9-12.A1.3.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Identifying Functions
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Identifying Functions
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Modeling Functions
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Variables and Expressions
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Evaluating Expressions
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Exponential Expressions
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Function Notation
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Using the LCD
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Variables on Both Sides
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Addition Property of Inequality
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Inequalities in Two Variables
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Linear Equations
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Multiplication Property of Inequality
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Problem Solving
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Slope
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Variables and Expressions
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Variables on Both Sides
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Linear Equations
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope-Intercept Form
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Equations From Word Problems

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MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (1)
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (3)
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Linear Equations
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Addition Method
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Addition Property of Inequality
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Graphing Systems of Equations
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Inequalities in Two Variables
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Multiplication Property of Inequality
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Problem Solving
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Solution of a System
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Solving Compound Inequalities
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Systems of Inequalities
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Two Unknowns
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Using Two Variables
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Absolute Value Functions
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Identifying Functions
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Modeling Functions
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Identifying Functions
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Modeling Functions

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MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Open Sentences
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Quadratic Functions
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Two Unknowns
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Using a Chart
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Variables and Expressions
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Writing Equations From Word Problems
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Identifying Functions
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Modeling Functions
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Quadratic Formula: Part 1
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Quadratic Functions
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Quadratic Formula: Part 1
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Quadratic Functions
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Solving by Factoring
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Add and Subtract Signed Numbers
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Addition Property of Equality
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Classifying and Comparing Numbers
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Completing the Square
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Completing the Square
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Distributive Property
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Multiply and Divide Signed Numbers

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MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Quadratic Formula: Part 1
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Quadratic Formula: Part 2
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Quadratic Functions
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Solving by Factoring
MA.9-12.A1.6.B	Make valid inferences and draw conclusions based on data.	Project: Data Analysis
MA.9-12.A1.6.C	Describe how linear transformations affect the center and spread of univariate data.	Project: Probability
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Interpreting Data
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Project: Data Analysis
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = abn$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Identifying Functions
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = abn$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Modeling Functions
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = abn$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Writing a Function Rule
MA.9-12.A1.7.B	Find and approximate solutions to exponential equations.	Absolute Value
MA.9-12.A1.7.C	Express arithmetic and geometric sequences in both explicit and recursive forms, translate between the two forms, explain how rate of change is represented in each form, and use the forms to find specific terms in the sequence.	Arithmetic Sequences
MA.9-12.A1.7.C	Express arithmetic and geometric sequences in both explicit and recursive forms, translate between the two forms, explain how rate of change is represented in each form, and use the forms to find specific terms in the sequence.	Geometric Sequences
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Literal Equations
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Variables and Expressions
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Variables on Both Sides
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Interpreting Data

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MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Interpreting Data
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Commutative and Associative Properties
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Distributive Property
Grade:	Geometry	
Section	Description	Lesson Title
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Pythagorean Theorem
MA.9-12.G.3.H	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Pythagorean Theorem
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Distance
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Transformations
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Transformations
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Line of Symmetry
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Interpreting Data
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Project: Data Analysis
MA.9-12.G.7.A	Analyze a problem situation and represent it mathematically.	Add and Subtract Signed Numbers
MA.9-12.G.7.A	Analyze a problem situation and represent it mathematically.	Multiply and Divide Signed Numbers
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Applications of Quadratics
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Interpreting Data
Grade:	Algebra 2	
Section	Description	Lesson Title
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Interpreting Data
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	More Than Two Unknowns
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Variables on Both Sides

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MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Graphing Systems of Equations
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Systems of Inequalities
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Functions
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Inequalities
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Direct Variation
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Permutations
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Absolute Value
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Add and Subtract Signed Numbers
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Addition Property of Equality
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Classifying and Comparing Numbers
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Distributive Property
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Multiply and Divide Signed Numbers
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Using the LCD
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Add and Subtract Radicals
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Add and Subtract with Unlike Denominators
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Complex Fractions
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Divide Radicals
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Division
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Evaluating Expressions

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MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Exponential Expressions
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Negative Exponents
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Raising to a Power
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Expressions
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Rational Expressions
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Using the LCD
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Add and Subtract with Like Denominators
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Add and Subtract with Unlike Denominators
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Complex Fractions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Divide Radicals
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Exponents and Order of Operations
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Inequalities
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	More Problems
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiply Radicals
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiply and Divide Rational Expressions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Negative Exponents
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Expressions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Rational Expressions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Variables and Expressions
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Identifying Functions
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Modeling Functions
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Quadratic Functions

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MA.9-12.A2.3.B	Determine the number and nature of the roots of a quadratic function.	Quadratic Functions
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Addition Property of Inequality
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Inequalities in Two Variables
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Multiplication Property of Inequality
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Problem Solving
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Formula: Part 1
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Formula: Part 2
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Functions
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Inequalities
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Solving by Factoring
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Transformations
MA.9-12.A2.4.B	Graph an exponential function of the form $f(x) = abx$ and its inverse logarithmic function.	Identifying Functions
MA.9-12.A2.4.B	Graph an exponential function of the form $f(x) = abx$ and its inverse logarithmic function.	Modeling Functions
MA.9-12.A2.4.C	Solve exponential and logarithmic equations.	Variables on Both Sides
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Divide Radicals
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Identifying Functions
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Modeling Functions
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Multiply Radicals
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Identifying Functions
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Modeling Functions
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Variables on Both Sides
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Writing Linear Equations (3)
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Identifying Functions

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MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Modeling Functions
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Variables on Both Sides
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Writing Linear Equations (3)
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Identifying Functions
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Modeling Functions
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Variables on Both Sides
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Writing Linear Equations (3)
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Compound Events
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Combinations
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Compound Events
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Permutations
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Project: Probability
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Interpreting Data
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Project: Data Analysis
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Quadratic Functions
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Writing a Function Rule
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Addition Method
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Graphing Systems of Equations
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	More Than Two Unknowns
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Using Two Variables

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MA.9-12.A2.7.B	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Arithmetic Sequences
MA.9-12.A2.7.B	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Geometric Sequences
MA.9-12.A2.8.A	Analyze a problem situation and represent it mathematically.	Add and Subtract Signed Numbers
MA.9-12.A2.8.A	Analyze a problem situation and represent it mathematically.	Multiply and Divide Signed Numbers
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Applications of Quadratics
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Interpreting Data
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Commutative and Associative Properties
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Distributive Property
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Section	Description	Lesson Title
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Interpreting Data
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	More Than Two Unknowns
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Variables on Both Sides
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Linear Equations
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Slope
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Writing Equations From Word Problems
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Graphing Systems of Equations
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Systems of Inequalities
MA.9-12.M1.2.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Identifying Functions
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Identifying Functions
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Modeling Functions
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Variables and Expressions
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Evaluating Expressions
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Exponential Expressions

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MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Function Notation
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Using the LCD
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Variables on Both Sides
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Identifying Functions
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Modeling Functions
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Variables on Both Sides
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Writing Linear Equations (3)
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Addition Property of Inequality
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Inequalities in Two Variables
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Linear Equations
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Multiplication Property of Inequality
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Problem Solving
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Slope
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Variables and Expressions
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Variables on Both Sides
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Absolute Value Functions
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Identifying Functions
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Modeling Functions
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Linear Equations
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y -intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Linear Equations

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MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope-Intercept Form
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Equations From Word Problems
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (1)
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (3)
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Addition Method
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Addition Property of Inequality
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Graphing Systems of Equations
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Inequalities in Two Variables
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Multiplication Property of Inequality
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Problem Solving
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Solution of a System
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Solving Compound Inequalities
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Systems of Inequalities
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Two Unknowns
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Using Two Variables
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Interpreting Data
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Project: Data Analysis
MA.9-12.M1.5.B	Describe how linear transformations affect the center and spread of univariate data.	Project: Probability
MA.9-12.M1.5.C	Make valid inferences and draw conclusions based on data.	Project: Data Analysis

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MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Add and Subtract Signed Numbers
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Addition Property of Equality
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Classifying and Comparing Numbers
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Distributive Property
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Multiply and Divide Signed Numbers
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Evaluating Expressions
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Exponential Expressions
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Using the LCD
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Variables and Expressions
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Literal Equations
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Variables and Expressions
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Variables on Both Sides
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Identifying Functions
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Modeling Functions
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Writing a Function Rule
MA.9-12.M1.7.B	Find and approximate solutions to exponential equations.	Absolute Value

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MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Add and Subtract with Unlike Denominators
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Complex Fractions
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Division
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Evaluating Expressions
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Exponential Expressions
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Multiply Radicals
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Negative Exponents
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Raising to a Power
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Expressions
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Rational Expressions
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Using the LCD
MA.9-12.M1.7.D	Express arithmetic and geometric sequences in both explicit and recursive forms, translate between the two forms, explain how rate of change is represented in each form, and use the forms to find specific terms in the sequence.	Arithmetic Sequences
MA.9-12.M1.7.D	Express arithmetic and geometric sequences in both explicit and recursive forms, translate between the two forms, explain how rate of change is represented in each form, and use the forms to find specific terms in the sequence.	Geometric Sequences
MA.9-12.M1.8.A	Analyze a problem situation and represent it mathematically.)	Add and Subtract Signed Numbers
MA.9-12.M1.8.A	Analyze a problem situation and represent it mathematically.)	Multiply and Divide Signed Numbers
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Applications of Quadratics
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Interpreting Data
Grade:	Mathematics 2	
Section	Description	Lesson Title

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MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Interpreting Data
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	More Than Two Unknowns
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Variables on Both Sides
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Graphing Systems of Equations
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Systems of Inequalities
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Functions
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Inequalities
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Permutations
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Identifying Functions
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Modeling Functions
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Quadratic Functions
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Variables and Expressions
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Identifying Functions
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Modeling Functions
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Quadratic Formula: Part 1
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Quadratic Functions
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Identifying Functions
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Modeling Functions
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Quadratic Functions

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MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a , b , c , and d are integers.	Quadratic Formula: Part 1
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a , b , c , and d are integers.	Quadratic Functions
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a , b , c , and d are integers.	Solving by Factoring
MA.9-12.M2.2.E	Determine the number and nature of the roots of a quadratic function.	Quadratic Functions
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Add and Subtract Signed Numbers
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Addition Property of Equality
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Classifying and Comparing Numbers
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Completing the Square
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Completing the Square
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Distributive Property
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Multiply and Divide Signed Numbers
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Quadratic Formula: Part 1
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Quadratic Formula: Part 2
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Quadratic Functions
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Solving by Factoring
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Addition Property of Inequality
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Inequalities in Two Variables
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Multiplication Property of Inequality
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Problem Solving
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Formula: Part 1
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Formula: Part 2
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Functions
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Inequalities
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Solving by Factoring
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Transformations
MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Interpreting Data

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MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Project: Data Analysis
MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Quadratic Functions
MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Writing a Function Rule
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Pythagorean Theorem
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Compound Events
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Combinations
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Compound Events
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Permutations
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Project: Probability
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Add and Subtract Polynomials
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Combining Like Terms
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Commutative and Associative Properties
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Complete Factorization
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Distributive Property
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Dividing by a Monomial
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Out the GCF
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Trinomials: Part 1
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Trinomials: Part 2
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Factoring by Grouping
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Greatest Common Factor
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Grouping Symbols
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Long Division
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Special Cases
MA.9-12.M2.5.D	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Arithmetic Sequences

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MA.9-12.M2.5.D	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Geometric Sequences
MA.9-12.M2.6.A	Analyze a problem situation and represent it mathematically.	Add and Subtract Signed Numbers
MA.9-12.M2.6.A	Analyze a problem situation and represent it mathematically.	Multiply and Divide Signed Numbers
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Applications of Quadratics
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Interpreting Data
Grade:	Mathematics 3	
Section	Description	Lesson Title
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Interpreting Data
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	More Than Two Unknowns
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Variables on Both Sides
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Graphing Systems of Equations
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Systems of Inequalities
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Functions
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Inequalities
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx+c)$.	Direct Variation
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Transformations
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Transformations
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Line of Symmetry
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Divide Radicals
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Identifying Functions
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Modeling Functions

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MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Multiply Radicals
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Identifying Functions
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Modeling Functions
MA.9-12.M3.3.C	Solve exponential and logarithmic equations.	Variables on Both Sides
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Identifying Functions
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Modeling Functions
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Variables on Both Sides
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Writing Linear Equations (3)
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Identifying Functions
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Modeling Functions
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Variables on Both Sides
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Writing Linear Equations (3)
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Identifying Functions
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Modeling Functions
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Variables on Both Sides
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Writing Linear Equations (3)
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Addition Method
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Graphing Systems of Equations
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	More Than Two Unknowns
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Using Two Variables

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MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Interpreting Data
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Project: Data Analysis
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Absolute Value
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Add and Subtract Signed Numbers
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Addition Property of Equality
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Classifying and Comparing Numbers
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Distributive Property
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Multiply and Divide Signed Numbers
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Using the LCD
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Add and Subtract Radicals
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Add and Subtract with Unlike Denominators
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Complex Fractions
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Divide Radicals
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Division
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Evaluating Expressions
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Exponential Expressions
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Negative Exponents
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Raising to a Power

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MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Expressions
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Rational Expressions
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Using the LCD
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Add and Subtract Polynomials
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Dividing by a Monomial
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Grouping Symbols
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Long Division
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Multiplying all Polynomials
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Add and Subtract with Like Denominators
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Add and Subtract with Unlike Denominators
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Complex Fractions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Divide Radicals
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Exponents and Order of Operations
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Inequalities
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	More Problems
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiply Radicals
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiply and Divide Rational Expressions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Negative Exponents
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Expressions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Rational Expressions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Variables and Expressions
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Distance
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Interpreting Data
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Interpreting Data
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Commutative and Associative Properties
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Distributive Property

**Alignment Report for Consumer Math
Washington - Mathematics - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.a	Explain the meaning of scientific notation using words, pictures, symbols, or numbers.	A Balance Sheet
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Base, Rate, Percentage
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Basic Math: Part II
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Commission and Tips
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Discounts
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Fractions
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Introduction
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	More Discounts
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Number Skills
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Percent
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Using Records in Planning
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Using the Standard Normal Distribution
MA.9-10.1.1.1.c	Read and translate numbers represented in scientific notation from calculators and other technology, texts, tables, and charts.	Banking and Credit Costs: Part II
MA.9-10.1.1.1.c	Read and translate numbers represented in scientific notation from calculators and other technology, texts, tables, and charts.	Taxes
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Insurance
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Markup
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Mortgages
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Purchasing and Variables
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Tables As Variables
MA.9-10.1.1.4.a	Explain, illustrate, or describe examples of inverse proportion.	Mixture Problems

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MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Banking and Credit Costs: Part I
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Banking and Credit Costs: Part II
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Credit
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Division Review
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Food Services
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Leisure and Retirement
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Mixture Problems
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Taxes
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Taxes: FICA
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Transportation and Travel
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Measurement
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Mixture Problems
MA.9-10.1.1.6.c	Apply strategies to complete multi-step computations fluently.	Money
MA.9-10.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Buy, Lease, Rent: Part II
MA.9-10.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Facility Capacity Estimation
MA.9-10.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Mixture Problems
MA.9-10.1.1.8.b	Use a variety of estimation strategies to predict or to verify the reasonableness of calculated results.	Facility Capacity Estimation
MA.9-10.1.1.8.c	Describe a strategy used for estimation using multi-step computations.	Facility Capacity Estimation
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Advertisements
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Applications
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Area Applications
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Geometry

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MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Perimeter and Area
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Advertisements
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Applications
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Area Applications
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Geometry
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Perimeter and Area
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Advertisements
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Applications
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Area Applications
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Geometry
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Perimeter and Area
MA.9-10.1.2.3.b	Use procedures to convert derived units of measure.	Measurement
MA.9-10.1.2.3.b	Use procedures to convert derived units of measure.	Money
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Insurance
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Markup
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Mortgages
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Purchasing and Variables
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Tables As Variables
MA.9-10.1.2.5.a	Use formulas to determine and label the volume of a compound figure.	Geometry
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Geometry
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Solid Figures with Curved Boundaries
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Solid Figures with Plane Boundaries
MA.9-10.1.2.6.b	Estimate quantities using derived units of measure.	Measurement

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MA.9-10.1.2.6.b	Estimate quantities using derived units of measure.	Money
MA.9-10.1.2.6.c	Estimate derived units of measure.	Measurement
MA.9-10.1.2.6.c	Estimate derived units of measure.	Money
MA.9-10.1.2.6.f	Describe a procedure that would be an appropriate way to estimate a measurement.	A Balance Sheet
MA.9-10.1.3.1.a	Make and test conjectures about 2-dimensional and 3-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models.	Banking and Credit Costs: Part II
MA.9-10.1.3.1.a	Make and test conjectures about 2-dimensional and 3-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models.	Leisure and Retirement
MA.9-10.1.3.1.a	Make and test conjectures about 2-dimensional and 3-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models.	Taxes
MA.9-10.1.3.2.a	Match or draw 3-dimensional objects from different views using the same properties and relationships.	Leisure and Retirement
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Banking and Credit Costs: Part II
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Project: Constructions
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Taxes
MA.9-10.1.3.2.e	Given a set of characteristics, draw a plane figure and justifies the drawing.	Consumer Applications
MA.9-10.1.3.2.e	Given a set of characteristics, draw a plane figure and justifies the drawing.	Measurement
MA.9-10.1.3.2.f	Create a three-dimensional scale drawing with particular geometric properties.	Leisure and Retirement
MA.9-10.1.3.2.g	Use properties of triangles and special right triangles in situations.	Applications
MA.9-10.1.3.2.g	Use properties of triangles and special right triangles in situations.	Leisure and Retirement
MA.9-10.1.3.3.a	Determine geometric properties of two-dimensional objects using coordinates on a grid.	Leisure and Retirement
MA.9-10.1.3.3.b	Determine the location of a set of points that satisfy given conditions.	Leisure and Retirement
MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Insurance
MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Markup
MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Mortgages
MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Purchasing and Variables

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MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Tables As Variables
MA.9-10.1.3.3.d	Use tools and technology to draw objects on a coordinate grid based on given properties.	Budgeting: Part I
MA.9-10.1.3.3.d	Use tools and technology to draw objects on a coordinate grid based on given properties.	Leisure and Retirement
MA.9-10.1.3.4.f	Use technology to create 2- and 3-dimensional animations using combinations of transformations.	Banking and Credit Costs: Part II
MA.9-10.1.3.4.f	Use technology to create 2- and 3-dimensional animations using combinations of transformations.	Taxes
MA.9-10.1.4.1.a	Describe whether the outcome of a first event affects the probability of a later event.	Tables As Variables
MA.9-10.1.4.1.b	Describe the difference between dependent and independent events.	A Balance Sheet
MA.9-10.1.4.1.c	Describe the relationship between theoretical probability and empirical frequency of dependent events using simulations with and without technology.	A Balance Sheet
MA.9-10.1.4.1.c	Describe the relationship between theoretical probability and empirical frequency of dependent events using simulations with and without technology.	Banking and Credit Costs: Part II
MA.9-10.1.4.1.c	Describe the relationship between theoretical probability and empirical frequency of dependent events using simulations with and without technology.	Taxes
MA.9-10.1.4.3.d	Examine methods and technology used to investigate a research question.	Banking and Credit Costs: Part II
MA.9-10.1.4.3.d	Examine methods and technology used to investigate a research question.	Taxes
MA.9-10.1.4.6.a	Explain how the same set of data can support different points of view.	Sequences, The Rule of 78
MA.9-10.1.4.6.b	Explain, using data, how statistics have been used or misused to support a point of view or argument.	A Balance Sheet
MA.9-10.1.4.6.b	Explain, using data, how statistics have been used or misused to support a point of view or argument.	Budgeting: Part II
MA.9-10.1.4.6.b	Explain, using data, how statistics have been used or misused to support a point of view or argument.	Z-Scores and the Normal Distribution
MA.9-10.1.4.6.c	Use statistics to support different points of view.	A Balance Sheet
MA.9-10.1.4.6.c	Use statistics to support different points of view.	Budgeting: Part II
MA.9-10.1.4.6.c	Use statistics to support different points of view.	Z-Scores and the Normal Distribution
MA.9-10.1.4.6.d	Use a set of statistics to develop a logical point of view.	Budgeting: Part II
MA.9-10.1.4.6.d	Use a set of statistics to develop a logical point of view.	Z-Scores and the Normal Distribution
MA.9-10.1.5.1.e	Describe or represent linear and exponential patterns in words or algebraic symbols.	A Balance Sheet
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Food Services
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Insurance
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Markup

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MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Mortgages
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Purchasing and Variables
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Tables As Variables
MA.9-10.1.5.4.b	Write equations in recursive form for additive or multiplicative models.	Measurement
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	A Balance Sheet
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	A Balance Sheet
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Signed Numbers and Measurement Scales
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Budgeting: Part II
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Discounts
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Insurance
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Markup
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	More Discounts
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Mortgages
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Purchasing and Variables
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Sequences, The Rule of 78
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Tables As Variables
MA.9-10.2.1.1.a	Investigate the situation and determines if there is a problem to solve.	Budgeting: Part II
MA.9-10.2.1.1.a	Investigate the situation and determines if there is a problem to solve.	Discounts
MA.9-10.2.1.1.a	Investigate the situation and determines if there is a problem to solve.	More Discounts
MA.9-10.2.1.1.a	Investigate the situation and determines if there is a problem to solve.	Sequences, The Rule of 78
MA.9-10.2.1.1.c	Generate questions to be answered in order to solve the problem.	Budgeting: Part II
MA.9-10.2.1.1.c	Generate questions to be answered in order to solve the problem.	Discounts
MA.9-10.2.1.1.c	Generate questions to be answered in order to solve the problem.	More Discounts
MA.9-10.2.1.1.c	Generate questions to be answered in order to solve the problem.	Sequences, The Rule of 78
MA.9-10.2.2.1.a	Select and use relevant information from the problem.	Budgeting: Part II
MA.9-10.2.2.1.a	Select and use relevant information from the problem.	Discounts
MA.9-10.2.2.1.a	Select and use relevant information from the problem.	More Discounts

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MA.9-10.2.2.1.a	Select and use relevant information from the problem.	Sequences, The Rule of 78
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Converting Systems
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	Budgeting: Part II
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	Discounts
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	More Discounts
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	Sequences, The Rule of 78
MA.9-10.2.2.3.c	Determine when an approach is unproductive and modifies or tries a new approach.	Budgeting: Part II
MA.9-10.2.2.3.c	Determine when an approach is unproductive and modifies or tries a new approach.	Discounts
MA.9-10.2.2.3.c	Determine when an approach is unproductive and modifies or tries a new approach.	More Discounts
MA.9-10.2.2.3.c	Determine when an approach is unproductive and modifies or tries a new approach.	Sequences, The Rule of 78
MA.9-10.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	Budgeting: Part II
MA.9-10.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	Discounts
MA.9-10.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	More Discounts
MA.9-10.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	Sequences, The Rule of 78
MA.9-10.2.2.4.b	Determine whether the solution is reasonable for the situation.	Budgeting: Part II
MA.9-10.2.2.4.b	Determine whether the solution is reasonable for the situation.	Discounts
MA.9-10.2.2.4.b	Determine whether the solution is reasonable for the situation.	Money
MA.9-10.2.2.4.b	Determine whether the solution is reasonable for the situation.	More Discounts
MA.9-10.2.2.4.b	Determine whether the solution is reasonable for the situation.	Sequences, The Rule of 78
MA.9-10.2.2.4.c	Check the solution with an estimate or results from an alternate approach.	Buy, Lease, Rent: Part II
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	A Balance Sheet
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Comparing Travel Cost Benefits
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Leisure and Retirement
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Premiums
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Travel
MA.9-10.3.2.2.a	Check the viability and appropriate use of a selected procedure in a given situation	Budgeting: Part II
MA.9-10.3.2.2.a	Check the viability and appropriate use of a selected procedure in a given situation	Discounts

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MA.9-10.3.2.2.a	Check the viability and appropriate use of a selected procedure in a given situation	More Discounts
MA.9-10.3.2.2.a	Check the viability and appropriate use of a selected procedure in a given situation	Sequences, The Rule of 78
MA.9-10.3.2.2.b	Evaluate a conclusion based on given information and/or procedures used and describes a revision as needed.	A Balance Sheet
MA.9-10.3.2.2.b	Evaluate a conclusion based on given information and/or procedures used and describes a revision as needed.	Consumer Applications
MA.9-10.3.2.2.b	Evaluate a conclusion based on given information and/or procedures used and describes a revision as needed.	Measurement
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Basic Math: Part II
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Consumer Applications
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Measurement
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Mixture Problems
MA.9-10.3.3.2.a	Check for reasonableness of results in a given situation.	Budgeting: Part II
MA.9-10.3.3.2.a	Check for reasonableness of results in a given situation.	Discounts
MA.9-10.3.3.2.a	Check for reasonableness of results in a given situation.	Money
MA.9-10.3.3.2.a	Check for reasonableness of results in a given situation.	More Discounts
MA.9-10.3.3.2.a	Check for reasonableness of results in a given situation.	Sequences, The Rule of 78
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Banking and Credit Costs: Part I
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Banking and Credit Costs: Part II
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Consumer Applications
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Credit
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Division Review
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Leisure and Retirement
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Measurement
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Mixture Problems
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Money
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Taxes
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Taxes: FICA
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Transportation and Travel
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Basic Math: Part II

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MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Consumer Applications
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Measurement
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Mixture Problems
MA.9-10.4.1.1.a	Determine appropriate mathematical information needed for a specific purpose or audience.	Budgeting: Part II
MA.9-10.4.1.1.a	Determine appropriate mathematical information needed for a specific purpose or audience.	Discounts
MA.9-10.4.1.1.a	Determine appropriate mathematical information needed for a specific purpose or audience.	More Discounts
MA.9-10.4.1.1.a	Determine appropriate mathematical information needed for a specific purpose or audience.	Sequences, The Rule of 78
MA.9-10.4.1.1.c	Describe the general procedures, not a survey, to gather exactly the mathematical information sought and no irrelevant information.	A Balance Sheet
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	A Balance Sheet
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Comparing Travel Cost Benefits
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Leisure and Retirement
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Premiums
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Travel
MA.9-10.4.2.1.a	Select a useful format and organize mathematical information for a given purpose.	Budgeting: Part I
MA.9-10.4.2.1.b	Create an organized list to communicate information to a specific audience and/or for a specific purpose.	A Balance Sheet
MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Comparing Travel Cost Benefits
MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Premiums
MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Travel

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MA.9-10.4.2.3.a	Use both everyday and mathematical language and notation to explain, defend, or present mathematical ideas, facts, procedures, or strategies appropriate for a given audience or purpose.	A Balance Sheet
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Budgeting: Part II
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Converting Systems
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Discounts
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Insurance
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Markup
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	More Discounts
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Mortgages
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Purchasing and Variables
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Sequences, The Rule of 78
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Tables As Variables
MA.9-10.5.2.1.a	Provide examples of using mathematical thinking, patterns, ideas, and modeling in other disciplines.	Budgeting: Part II
MA.9-10.5.2.1.a	Provide examples of using mathematical thinking, patterns, ideas, and modeling in other disciplines.	Discounts
MA.9-10.5.2.1.a	Provide examples of using mathematical thinking, patterns, ideas, and modeling in other disciplines.	More Discounts
MA.9-10.5.2.1.a	Provide examples of using mathematical thinking, patterns, ideas, and modeling in other disciplines.	Sequences, The Rule of 78
MA.9-10.5.2.2.a	Describe a mathematical contribution related to current mathematical study.	A Balance Sheet
MA.9-10.5.3.1.a	Describe situations in which mathematics can be used to solve problems with local, national, or international implications.	Budgeting: Part II
MA.9-10.5.3.1.a	Describe situations in which mathematics can be used to solve problems with local, national, or international implications.	Discounts
MA.9-10.5.3.1.a	Describe situations in which mathematics can be used to solve problems with local, national, or international implications.	More Discounts
MA.9-10.5.3.1.a	Describe situations in which mathematics can be used to solve problems with local, national, or international implications.	Sequences, The Rule of 78
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Banking and Credit Costs: Part I
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Banking and Credit Costs: Part II
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Budgeting: Part II
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Credit

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MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Discounts
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Division Review
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Insurance
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Leisure and Retirement
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Markup
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Mixture Problems
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	More Discounts
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Mortgages
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Purchasing and Variables
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Sequences, The Rule of 78
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Simple and Compound Interest
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Tables As Variables
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Taxes
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Taxes: FICA
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Transportation and Travel
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Z-Scores and the Normal Distribution
MA.9-10.5.3.2.a	Describe specific examples of mathematics associated with a given career.	Job Related Services
MA.9-10.5.3.2.b	Explain the mathematical requirements to enter a given career.	Job Related Services
MA.9-10.5.3.2.c	Explain the mathematics used by workers in a specific job.	Job Related Services
Grade:	Grades: 11-12	
Section	Description	Lesson Title
MA.11-12.1.1.1.a	Explain the meaning of the square root of a number, including why negative numbers have no real square roots.	Basic Math: Part II
MA.11-12.1.1.1.a	Explain the meaning of the square root of a number, including why negative numbers have no real square roots.	Number Skills
MA.11-12.1.1.1.a	Explain the meaning of the square root of a number, including why negative numbers have no real square roots.	Signed Numbers and Measurement Scales
MA.11-12.1.1.1.a	Explain the meaning of the square root of a number, including why negative numbers have no real square roots.	Using the Standard Normal Distribution
MA.11-12.1.1.1.c	Explain the meaning of negative integer exponents and provides examples.	A Balance Sheet
MA.11-12.1.1.1.d	Explain the meaning of real numbers with rational exponents and provides examples.	A Balance Sheet

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MA.11-12.1.1.2.a	Compare and order real numbers without a calculator using relationships between integers, and the effects of radicals and rational exponents on those relationships.	Mixture Problems
MA.11-12.1.1.2.a	Compare and order real numbers without a calculator using relationships between integers, and the effects of radicals and rational exponents on those relationships.	Number Skills
MA.11-12.1.1.5.a	Represent, interpret, and compare expressions involving absolute values, including positional relationships on number line.	A Ratio Scale, Decimals, and Number Bases
MA.11-12.1.1.5.a	Represent, interpret, and compare expressions involving absolute values, including positional relationships on number line.	Signed Numbers and Measurement Scales
MA.11-12.1.1.5.b	Find the absolute value of numbers.	A Ratio Scale, Decimals, and Number Bases
MA.11-12.1.1.5.b	Find the absolute value of numbers.	Signed Numbers and Measurement Scales
MA.11-12.1.1.5.c	Find the integral or simple fractional powers of rational numbers.	Mixture Problems
MA.11-12.1.1.5.d	Perform arithmetic operations with expressions involving absolute value.	A Ratio Scale, Decimals, and Number Bases
MA.11-12.1.1.5.d	Perform arithmetic operations with expressions involving absolute value.	Signed Numbers and Measurement Scales
MA.11-12.1.1.6.a	Compute using rational numbers.	Mixture Problems
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Budgeting: Part II
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Discounts
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	More Discounts
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Sequences, The Rule of 78
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Money
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Signed Numbers and Measurement Scales
MA.11-12.1.1.7.a	Select and justify appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Buy, Lease, Rent: Part II
MA.11-12.1.1.7.a	Select and justify appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Mental Problem Solving
MA.11-12.1.1.7.a	Select and justify appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Problem Solving
MA.11-12.1.1.7.b	Describe strategies for mentally solving problems using involving real numbers.	A Balance Sheet

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MA.11-12.1.1.7.b	Describe strategies for mentally solving problems using involving real numbers.	Mental Problem Solving
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Budgeting: Part II
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Buy, Lease, Rent: Part II
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Discounts
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Facility Capacity Estimation
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	More Discounts
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Sequences, The Rule of 78
MA.11-12.1.1.8.b	Use estimation to predict or verify the reasonableness of calculated results.	Buy, Lease, Rent: Part II
MA.11-12.1.1.8.c	Estimate square roots or cube roots of numbers less than 1,000 between two whole numbers.	Buy, Lease, Rent: Part II
MA.11-12.1.1.8.c	Estimate square roots or cube roots of numbers less than 1,000 between two whole numbers.	Facility Capacity Estimation
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	A Comparison Technique
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Base, Rate, Percentage
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Budgeting: Part II
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Cost Per Unit
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Discounts
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	More Discounts
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Project: Insurance
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Purchase and Sale of Goods: Part I
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Sequences, The Rule of 78
MA.11-12.1.2.2.c	Solve problems involving rate of change.	Budgeting: Part II
MA.11-12.1.2.2.c	Solve problems involving rate of change.	Discounts
MA.11-12.1.2.2.c	Solve problems involving rate of change.	More Discounts
MA.11-12.1.2.2.c	Solve problems involving rate of change.	Sequences, The Rule of 78
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Angles
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Angles

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MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Leisure and Retirement
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Angles
MA.11-12.1.3.1.a	Use physical, symbolic, and technological models to explore conjectures.	Banking and Credit Costs: Part II
MA.11-12.1.3.1.a	Use physical, symbolic, and technological models to explore conjectures.	Taxes
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Leisure and Retirement
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Leisure and Retirement
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Consumer Applications
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Measurement
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Mixture Problems
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Geometry
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Perimeter and Area
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Solid Figures with Curved Boundaries
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Solid Figures with Plane Boundaries
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Applications
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Circles
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	Solid Figures with Curved Boundaries
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	Solid Figures with Plane Boundaries
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Insurance
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Markup
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Mortgages
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Purchasing and Variables
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Tables As Variables
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	A Balance Sheet
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Tables As Variables

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MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	A Balance Sheet
MA.11-12.1.4.3.a	Know and interpret the key characteristics of a normal distribution such as shape, center (mean), and spread (standard deviation).	Central Tendencies
MA.11-12.1.4.3.a	Know and interpret the key characteristics of a normal distribution such as shape, center (mean), and spread (standard deviation).	Planning with Measures of Variations
MA.11-12.1.4.3.a	Know and interpret the key characteristics of a normal distribution such as shape, center (mean), and spread (standard deviation).	Using the Standard Normal Distribution
MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Central Tendencies
MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Planning with Measures of Variations
MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Representing Data
MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Using the Standard Normal Distribution
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Budgeting: Part II
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Discounts
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Graphs and Trends
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Graphs, Functions, Slope
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	More Discounts
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Project: Data Summaries
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Representing Data
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Sequences, The Rule of 78
MA.11-12.1.4.6.b	Analyze data displays to evaluate the reasonableness of claims, reports, studies, and conclusions.	Money
MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	A Balance Sheet

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MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	Graphs, Functions, Slope
MA.11-12.1.5.1.g	Identify patterns in the function's rate of change, identifying intervals of increase, decrease, constancy, and, if possible, relate them to the function's description in words or graphically (using graphing calculator).	A Balance Sheet
MA.11-12.1.5.1.h	Identify y-intercepts and zeros using symbols, graphs, and tables.	Graphs, Functions, Slope
MA.11-12.1.5.1.i	Identify extrema and trends using graphs and tables.	Graphs, Functions, Slope
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Food Services
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Insurance
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Markup
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Mortgages
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Purchasing and Variables
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Tables As Variables
MA.11-12.1.5.2.g	Write an equation for a reasonable line to describe a set of bivariate data from a table or scatter plot.	Comparing Travel Cost Benefits
MA.11-12.1.5.2.g	Write an equation for a reasonable line to describe a set of bivariate data from a table or scatter plot.	Premiums
MA.11-12.1.5.2.g	Write an equation for a reasonable line to describe a set of bivariate data from a table or scatter plot.	Travel
MA.11-12.1.5.3.a	Recognize whether a relationship given in a symbolic, graphical, or tabular form is a function.	Graphs, Functions, Slope
MA.11-12.1.5.4.a	Explain the distinction between factor and term.	A Balance Sheet
MA.11-12.1.5.4.a	Explain the distinction between factor and term.	Basic Math: Part I
MA.11-12.1.5.4.a	Explain the distinction between factor and term.	Prime Numbers and Factors
MA.11-12.1.5.4.b	Explain the distinction between expression and equation.	A Balance Sheet
MA.11-12.1.5.4.c	Explain the distinction between simplify and solve.	A Balance Sheet
MA.11-12.1.5.4.c	Explain the distinction between simplify and solve.	Measurement
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Measurement
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Measurement
MA.11-12.1.5.5.e	Add, subtract, multiply, and divide two rational expressions of the form, $a/bx+c$ where a, b, and c are real numbers such that $bx+c$ "is not equal to" 0. (rationalizing denominators not necessary).	Adding and Subtracting Fractions
MA.11-12.1.5.5.e	Add, subtract, multiply, and divide two rational expressions of the form, $a/bx+c$ where a, b, and c are real numbers such that $bx+c$ "is not equal to" 0. (rationalizing denominators not necessary).	Multiplying and Dividing Fractions

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	Add, subtract, multiply, and divide two rational expressions of the form, $\frac{a}{bx+c}$ where a, b, and c are real numbers such that $bx+c$ "is not equal to" 0. (rationalizing denominators not necessary).	Operations and Decimals
MA.11-12.1.5.5.e		
MA.11-12.1.5.6.e	Solve absolute value equations of the form $ ax + b = c$.	Measurement
MA.11-12.1.5.6.g	Solve equations in one variable containing a single radical.	Measurement
MA.11-12.1.5.6.h	Solve exponential equations in one variable (numerically, graphically).	Measurement
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Measurement
MA.11-12.2.1.2.a	Extract necessary facts and relationships from the given information.	Budgeting: Part II
MA.11-12.2.1.2.a	Extract necessary facts and relationships from the given information.	Discounts
MA.11-12.2.1.2.a	Extract necessary facts and relationships from the given information.	More Discounts
MA.11-12.2.1.2.a	Extract necessary facts and relationships from the given information.	Sequences, The Rule of 78
MA.11-12.2.1.2.b	Identify and supply additional information needed to solve each problem.	Budgeting: Part II
MA.11-12.2.1.2.b	Identify and supply additional information needed to solve each problem.	Discounts
MA.11-12.2.1.2.b	Identify and supply additional information needed to solve each problem.	More Discounts
MA.11-12.2.1.2.b	Identify and supply additional information needed to solve each problem.	Sequences, The Rule of 78
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Banking and Credit Costs: Part II
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Budgeting: Part II
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Discounts
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	More Discounts
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Problem Solving
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Sequences, The Rule of 78
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Taxes
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Banking and Credit Costs: Part II
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Taxes
MA.11-12.2.2.4.a	Execute a plan to solve the problem.	Budgeting: Part II
MA.11-12.2.2.4.a	Execute a plan to solve the problem.	Discounts

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MA.11-12.2.2.4.a	Execute a plan to solve the problem.	More Discounts
MA.11-12.2.2.4.a	Execute a plan to solve the problem.	Sequences, The Rule of 78
MA.11-12.2.2.4.b	Evaluate and revise the solution method when it appears unlikely to produce a reasonable or suitably accurate result.	Money
MA.11-12.2.2.4.c	Evaluate potential solutions for appropriateness, accuracy, and suitability to the context of the original problem.	Money
MA.11-12.2.2.4.d	Provide oral, written, and/or symbolic explanations of the reasoning used to obtain a solution.	A Balance Sheet
MA.11-12.2.2.4.d	Provide oral, written, and/or symbolic explanations of the reasoning used to obtain a solution.	Consumer Applications
MA.11-12.2.2.4.d	Provide oral, written, and/or symbolic explanations of the reasoning used to obtain a solution.	Measurement
MA.11-12.2.2.4.e	Make and justify a multi-step mathematical argument providing appropriate evidence at each step.	Money
MA.11-12.2.2.4.f	Use a variety of approaches - inductive and deductive, estimations, generalizations, formal, and/or informal methods of proof - to justify solutions.	Buy, Lease, Rent: Part II
MA.11-12.2.2.4.f	Use a variety of approaches - inductive and deductive, estimations, generalizations, formal, and/or informal methods of proof - to justify solutions.	Consumer Applications
MA.11-12.2.2.4.f	Use a variety of approaches - inductive and deductive, estimations, generalizations, formal, and/or informal methods of proof - to justify solutions.	Facility Capacity Estimation
MA.11-12.2.2.4.f	Use a variety of approaches - inductive and deductive, estimations, generalizations, formal, and/or informal methods of proof - to justify solutions.	Measurement
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Insurance
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Markup
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Mortgages
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Purchasing and Variables
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Tables As Variables
MA.11-12.3.1.1.d	Identify and justify whether a result obtained from a function model has real world significance.	Consumer Applications
MA.11-12.3.1.1.d	Identify and justify whether a result obtained from a function model has real world significance.	Measurement
MA.11-12.3.3	Verify results.	Consumer Applications
MA.11-12.3.3	Verify results.	Measurement
MA.11-12.4.2.1.b	Identify units associated with these variables and constants.	Measurement
MA.11-12.4.2.1.c	Use correct mathematical symbols, terminology, and notation.	A Balance Sheet
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	A Balance Sheet
MA.11-12.4.2.2.b	Recognize and explain the meaning of information presented using mathematical notation.	A Balance Sheet
MA.11-12.4.2.3.a	Develop explanations that are appropriate to the needs of the audience and the situation.	A Balance Sheet
MA.11-12.4.2.3.b	Use appropriate details or evidence to support the explanation.	A Balance Sheet

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MA.11-12.4.2.3.b	Use appropriate details or evidence to support the explanation.	Consumer Applications
MA.11-12.4.2.3.b	Use appropriate details or evidence to support the explanation.	Measurement
MA.11-12.5.1.1.c	Connect mathematical definitions and procedures with underlying math concepts.	A Balance Sheet
MA.11-12.5.1.1.c	Connect mathematical definitions and procedures with underlying math concepts.	Converting Systems
MA.11-12.5.1.1.e	Construct procedures and concepts from mathematical definitions.	A Balance Sheet
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Insurance
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Markup
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Mortgages
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Purchasing and Variables
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Tables As Variables
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Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.b	Identify a real-life situation to match a particular number written in scientific or exponential notation and justify the answer.	Consumer Applications
MA.9-10.1.1.1.b	Identify a real-life situation to match a particular number written in scientific or exponential notation and justify the answer.	Measurement
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Banking and Credit Costs: Part II
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Comparing Travel Cost Benefits
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Leisure and Retirement
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Premiums
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Project: Data Summaries
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Taxes

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MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Travel
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Banking and Credit Costs: Part I
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Banking and Credit Costs: Part II
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Credit
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Division Review
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Food Services
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Leisure and Retirement
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Mixture Problems
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Taxes
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Taxes: FICA
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Transportation and Travel
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Banking and Credit Costs: Part I
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Banking and Credit Costs: Part II
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Credit
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Division Review
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Food Services
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Leisure and Retirement
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Mixture Problems
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Taxes
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Taxes: FICA
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Transportation and Travel
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Banking and Credit Costs: Part I
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Banking and Credit Costs: Part II
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Credit
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Division Review
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Food Services

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MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Leisure and Retirement
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Mixture Problems
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Taxes
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Taxes: FICA
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Transportation and Travel
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Basic Math: Part I
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Budgeting: Part II
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Discounts
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	More Discounts
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Problem Solving
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Sequences, The Rule of 78
MA.9-10.1.1.4.e	Explain, illustrate, or describe examples of direct proportion.	A Balance Sheet
MA.9-10.1.1.4.f	Explain, illustrate, or describe examples of inverse proportion.	A Balance Sheet
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Basic Math: Part II
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Money
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Using the Standard Normal Distribution
MA.9-10.1.1.8.a	Identify when an approximation is appropriate.	Buy, Lease, Rent: Part II
MA.9-10.1.1.8.a	Identify when an approximation is appropriate.	Facility Capacity Estimation
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Buy, Lease, Rent: Part II
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Facility Capacity Estimation
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Insurance
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Markup
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Mortgages
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Purchasing and Variables
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Tables As Variables

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MA.9-10.1.1.8.c	Justify why an estimate would be used rather than an exact answer in a given situation.	Buy, Lease, Rent: Part II
MA.9-10.1.1.8.c	Justify why an estimate would be used rather than an exact answer in a given situation.	Consumer Applications
MA.9-10.1.1.8.c	Justify why an estimate would be used rather than an exact answer in a given situation.	Facility Capacity Estimation
MA.9-10.1.1.8.c	Justify why an estimate would be used rather than an exact answer in a given situation.	Measurement
MA.9-10.1.1.8.d	Describe various strategies used during estimation involving integers, rational numbers.	Facility Capacity Estimation
MA.9-10.1.1.8.d	Describe various strategies used during estimation involving integers, rational numbers.	Mixture Problems
MA.9-10.1.1.8.d	Describe various strategies used during estimation involving integers, rational numbers.	Number Skills
MA.9-10.1.1.8.e	Use estimation to predict or to verify the reasonableness of calculated results.	Buy, Lease, Rent: Part II
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Circles
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Geometry
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Advertisements
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Applications
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area Applications
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Banking and Credit Costs: Part I
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Banking and Credit Costs: Part II
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Circles
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Credit
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Division Review

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MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Food Services
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Geometry
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Leisure and Retirement
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Mixture Problems
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Perimeter and Area
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Taxes
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Taxes: FICA
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Transportation and Travel
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Basic Math: Part I
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Budgeting: Part II
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Circles
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Discounts

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MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Geometry
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	More Discounts
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Problem Solving
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Sequences, The Rule of 78
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Solid Figures with Curved Boundaries
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Solid Figures with Plane Boundaries
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Advertisements
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Applications
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Area Applications
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Circles
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Geometry
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Perimeter and Area
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Solid Figures with Curved Boundaries
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Solid Figures with Plane Boundaries
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Advertisements
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Applications
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area Applications
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Circles

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MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Geometry
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Perimeter and Area
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Solid Figures with Curved Boundaries
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Solid Figures with Plane Boundaries
MA.9-10.1.2.3.a	Understand how to convert units of measure within U.S. or within metric systems to achieve an appropriate level of precision.	Consumer Application, Metrics
MA.9-10.1.2.3.a	Understand how to convert units of measure within U.S. or within metric systems to achieve an appropriate level of precision.	Job Skills: Using Metric Units
MA.9-10.1.2.3.d	Convert to a smaller unit within a system to increase the precision of a derived unit of measurement.	Measurement
MA.9-10.1.2.3.d	Convert to a smaller unit within a system to increase the precision of a derived unit of measurement.	Money
MA.9-10.1.2.5.a	Explain how to use a formula for finding the volume of a prism or cylinder.	Solid Figures with Curved Boundaries
MA.9-10.1.2.5.a	Explain how to use a formula for finding the volume of a prism or cylinder.	Solid Figures with Plane Boundaries
MA.9-10.1.2.5.b	Use a formula to find the volume of a prism or cylinder.	Solid Figures with Curved Boundaries
MA.9-10.1.2.5.b	Use a formula to find the volume of a prism or cylinder.	Solid Figures with Plane Boundaries
MA.9-10.1.2.5.c	Use a formula to derive a dimension of a right prism or right cylinder given other measures.	Measurement
MA.9-10.1.2.5.c	Use a formula to derive a dimension of a right prism or right cylinder given other measures.	Money
MA.9-10.1.2.5.d	Use formulas to describe and compare the surface areas and volumes of two or more right prisms and/or right cylinders.	Solid Figures with Curved Boundaries
MA.9-10.1.2.6.c	Estimate quantities using derived units of measure (e.g., distance or time using miles per hour, cost using unit cost).	Measurement
MA.9-10.1.2.6.c	Estimate quantities using derived units of measure (e.g., distance or time using miles per hour, cost using unit cost).	Money
MA.9-10.1.2.6.d	Estimate derived units of measure (e.g., miles/hour, people/year, grams/cubic centimeter).	Measurement
MA.9-10.1.2.6.d	Estimate derived units of measure (e.g., miles/hour, people/year, grams/cubic centimeter).	Money
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Facility Capacity Estimation
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Geometry
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Geometry
MA.9-10.1.3.1.b	Match or draw three-dimensional objects from different perspectives using the same properties and relationships (e.g., match to the correct net, draw the top view).	Leisure and Retirement

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MA.9-10.1.3.1.d	Describe everyday objects in terms of their geometric characteristics.	Leisure and Retirement
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Leisure and Retirement
MA.9-10.1.3.1.f	Make and test conjectures about twodimensional and three-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape?).	Applications
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Leisure and Retirement
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Project: Constructions
MA.9-10.1.3.2.c	Draw a plane shape and justify the answer given a set of characteristics.	Consumer Applications
MA.9-10.1.3.2.c	Draw a plane shape and justify the answer given a set of characteristics.	Measurement
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Leisure and Retirement
MA.9-10.1.3.2.f	Use technology to generate two- and three-dimensional models of geometric figures with given geometric characteristics (e.g., generate a two-dimensional animation using pentagons with fixed coordinates for one edge).	Banking and Credit Costs: Part II
MA.9-10.1.3.2.f	Use technology to generate two- and three-dimensional models of geometric figures with given geometric characteristics (e.g., generate a two-dimensional animation using pentagons with fixed coordinates for one edge).	Taxes
MA.9-10.1.3.3.e	Use tools and technology to draw objects on a coordinate grid based on given conditions.	Banking and Credit Costs: Part II
MA.9-10.1.3.3.e	Use tools and technology to draw objects on a coordinate grid based on given conditions.	Taxes
MA.9-10.1.3.3.f	Identify, interpret, and use the meaning of slope of a line as a rate of change using physical, symbolic, and technological models.	Banking and Credit Costs: Part II
MA.9-10.1.3.3.f	Identify, interpret, and use the meaning of slope of a line as a rate of change using physical, symbolic, and technological models.	Taxes
MA.9-10.1.3.4.h	Use technology to create two- and threedimensional animations using combinations of transformations.	Banking and Credit Costs: Part II
MA.9-10.1.3.4.h	Use technology to create two- and threedimensional animations using combinations of transformations.	Taxes
MA.9-10.1.4.1.a	Compare the probabilities of dependent and independent events.	Sequences, The Rule of 78
MA.9-10.1.4.2.a	Determine probabilities of dependent and independent events.	Sets and Probability: Part I

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MA.9-10.1.4.2.b	Generate the outcomes and probability of multiple independent and dependent events using a model or procedure (e.g., tree diagram, area model, counting procedures).	Sets and Probability: Part I
MA.9-10.1.4.3.a	Identify sources of bias in data collection questions, samples, and/or methods and describe how such bias can be controlled.	A Balance Sheet
MA.9-10.1.4.3.b	Evaluate methods and technology used to investigate a research question.	Budgeting: Part I
MA.9-10.1.4.3.d	Use technology appropriately to collect data.	Banking and Credit Costs: Part II
MA.9-10.1.4.3.d	Use technology appropriately to collect data.	Taxes
MA.9-10.1.4.4.c	Use technology to determine the line of best fit for a set of data.	Banking and Credit Costs: Part II
MA.9-10.1.4.4.c	Use technology to determine the line of best fit for a set of data.	Taxes
MA.9-10.1.4.5.e	Determine whether an equation for a line is appropriate for a given set of data and support the judgment with data.	Consumer Applications
MA.9-10.1.4.5.e	Determine whether an equation for a line is appropriate for a given set of data and support the judgment with data.	Measurement
MA.9-10.1.4.5.f	Use technology to generate data to fit a linear model.	Banking and Credit Costs: Part II
MA.9-10.1.4.5.f	Use technology to generate data to fit a linear model.	Taxes
MA.9-10.1.4.6.d	Use statistics to support different points of view.	Budgeting: Part II
MA.9-10.1.4.6.d	Use statistics to support different points of view.	Z-Scores and the Normal Distribution
MA.9-10.1.4.6.e	Analyze a set of statistics to develop a logical point of view.	Budgeting: Part II
MA.9-10.1.4.6.e	Analyze a set of statistics to develop a logical point of view.	Z-Scores and the Normal Distribution
MA.9-10.1.4.6.g	Determine whether statistics have been used or misused to support a point of view or argument and support the evaluation with data.	Budgeting: Part II
MA.9-10.1.4.6.g	Determine whether statistics have been used or misused to support a point of view or argument and support the evaluation with data.	Z-Scores and the Normal Distribution
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Graphs and Trends
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slope-intercept, point-slope, two points).	Graphs, Functions, Slope
MA.9-10.1.5.2.b	Generate and use rules for a pattern to make predictions about future events (e.g., population growth, future sales, growth of corn stalks, future value of savings account).	Savings Accounts
MA.9-10.1.5.2.d	Write an equation for a line given a set of information (e.g., two points, point-slope, etc.).	Graphs, Functions, Slope
MA.9-10.1.5.2.g	Write a story that represents a given linear equation or expression.	Markup
MA.9-10.1.5.2.g	Write a story that represents a given linear equation or expression.	Purchasing and Variables
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Banking and Credit Costs: Part I
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Banking and Credit Costs: Part II

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MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Credit
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Division Review
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Food Services
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Leisure and Retirement
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Mixture Problems
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Taxes
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Taxes: FICA
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Transportation and Travel
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Graphs, Functions, Slope
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Markup
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Purchasing and Variables
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Markup
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Purchasing and Variables
MA.9-10.1.5.4.c	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated multiplication (e.g., models that are exponential such as savings accounts and early stages of population growth).	Savings Accounts
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Food Services
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Insurance

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MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Markup
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Mortgages
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Purchasing and Variables
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Tables As Variables
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Banking and Credit Costs: Part I
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Banking and Credit Costs: Part II
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Credit
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Division Review
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Food Services
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Leisure and Retirement
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Mixture Problems
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Money
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Taxes
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Taxes: FICA
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Transportation and Travel
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Banking and Credit Costs: Part I
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Banking and Credit Costs: Part II
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Credit
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Division Review
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Food Services
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Leisure and Retirement

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MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Mixture Problems
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Taxes
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Taxes: FICA
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Transportation and Travel
MA.9-10.1.5.6.g	Determine when two linear options yield the same outcome (e.g., given two different investment or profit options, determine when both options will yield the same result).	Banking and Investment: Part I
MA.9-10.1.5.6.g	Determine when two linear options yield the same outcome (e.g., given two different investment or profit options, determine when both options will yield the same result).	Banking and Investment: Part II
MA.9-10.2.1.1.c	Determine whether enough information is given to find a solution (e.g., list what is needed to be found; extend the pattern to see if women's times will be less).	Problem Solving
MA.9-10.2.1.1.d	Determine whether information is missing or extraneous (e.g., compare the list of known things to the list of needed things to see if there are things that are not needed).	Problem Solving
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Basic Math: Part I
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Budgeting: Part II
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Discounts
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	More Discounts
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Problem Solving
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Sequences, The Rule of 78
MA.9-10.2.2.1.a	Organize relevant information from multiple sources (e.g., create a list of known and unknown information; create a scatter plot of men's and women's times vs. time on the same coordinate axis to analyze the patterns).	Problem Solving
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Basic Math: Part I
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Budgeting: Part II
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Discounts

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MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	More Discounts
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Problem Solving
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Sequences, The Rule of 78
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Basic Math: Part I
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Budgeting: Part II
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Discounts
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	More Discounts
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Problem Solving
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Sequences, The Rule of 78
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Basic Math: Part I
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Budgeting: Part II
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Discounts
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	More Discounts
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Problem Solving
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Sequences, The Rule of 78

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MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Basic Math: Part I
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Budgeting: Part II
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Discounts
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Money
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	More Discounts
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Problem Solving
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Sequences, The Rule of 78
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Leisure and Retirement
MA.9-10.3.2.1.a	Make and test conjectures about twodimensional and three-dimensional figures and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape).	Applications
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Circles
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Solid Figures with Curved Boundaries
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Solid Figures with Plane Boundaries
MA.9-10.3.2.2.d	Use statistics to support different points of view.	Budgeting: Part II
MA.9-10.3.2.2.d	Use statistics to support different points of view.	Z-Scores and the Normal Distribution
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Leisure and Retirement

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MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Geometry
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Sets and Probability: Part I
MA.9-10.4.2.1.a	Develop an argument to support a given point of view and set of statistics.	Budgeting: Part II
MA.9-10.4.2.1.a	Develop an argument to support a given point of view and set of statistics.	Z-Scores and the Normal Distribution
MA.9-10.4.2.2.a	Explain how division of measurements produces a derived unit of measurement (e.g., miles traveled divided by hours traveled yields the derived unit [miles per hour]).	Division Review
MA.9-10.4.2.2.a	Explain how division of measurements produces a derived unit of measurement (e.g., miles traveled divided by hours traveled yields the derived unit [miles per hour]).	Measurement
MA.9-10.4.2.2.a	Explain how division of measurements produces a derived unit of measurement (e.g., miles traveled divided by hours traveled yields the derived unit [miles per hour]).	Money
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Circles
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Geometry
MA.9-10.5.1.1.a	Estimate derived units of measure (e.g., miles per hour, people/year, grams/cubic centimeters).	Measurement
MA.9-10.5.1.1.a	Estimate derived units of measure (e.g., miles per hour, people/year, grams/cubic centimeters).	Money
MA.9-10.5.1.2.a	Identify, interpret, and use the meaning of slope of a line as a rate of change using concrete, symbolic, and technological models.	Banking and Credit Costs: Part II
MA.9-10.5.1.2.a	Identify, interpret, and use the meaning of slope of a line as a rate of change using concrete, symbolic, and technological models.	Taxes
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Banking and Credit Costs: Part II
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Project: Constructions
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Taxes
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Graphs, Functions, Slope
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Basic Math: Part I
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Budgeting: Part II

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MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Discounts
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	More Discounts
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Problem Solving
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Sequences, The Rule of 78
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Banking and Credit Costs: Part I
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Banking and Credit Costs: Part II
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Credit
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Division Review
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Food Services
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Leisure and Retirement
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Mixture Problems
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Taxes
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Taxes: FICA
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Transportation and Travel
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Advertisements
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Applications
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area Applications
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Banking and Credit Costs: Part I
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Banking and Credit Costs: Part II
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Circles

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MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Credit
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Division Review
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Food Services
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Geometry
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Leisure and Retirement
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Mixture Problems
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Perimeter and Area
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Taxes
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Taxes: FICA
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Transportation and Travel
MA.9-10.5.3.2.a	Select a career and research the mathematics necessary to get the job and the mathematics used in the job.	Job Related Services
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Algebra	
Section	Description	Lesson Title
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Basic Math: Part I
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Budgeting: Part II
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Discounts
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	More Discounts

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MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Problem Solving
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Sequences, The Rule of 78
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Basic Math: Part I
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Budgeting: Part II
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Discounts
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Markup
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	More Discounts
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Problem Solving
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Purchasing and Variables
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Sequences, The Rule of 78
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Basic Math: Part I
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Budgeting: Part II
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Discounts
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	More Discounts
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Problem Solving
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Sequences, The Rule of 78
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Basic Math: Part I
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Budgeting: Part II
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Commission and Tips
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Discounts
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	More Discounts
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Problem Solving
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Sequences, The Rule of 78
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Basic Math: Part I
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Budgeting: Part II
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Discounts
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	More Discounts

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MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Problem Solving
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Sequences, The Rule of 78
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Architects and Interior Design
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Graphs, Functions, Slope
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Basic Math: Part II
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Number Skills
MA.9-12.A1.2.D	Determine whether approximations or exact values of real numbers are appropriate, depending on the context, and justify the selection.	Problem Solving
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Prime Numbers and Factors
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Graphs, Functions, Slope
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Measurement
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Markup
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Measurement
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Purchasing and Variables
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Graphs, Functions, Slope
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Markup
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Purchasing and Variables
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Graphs, Functions, Slope
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Markup
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Purchasing and Variables

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MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Graphs, Functions, Slope
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Graphs, Functions, Slope
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Mental Problem Solving
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Number Skills
MA.9-12.A1.6.A	Use and evaluate the accuracy of summary statistics to describe and compare data sets.	Budgeting: Part II
MA.9-12.A1.6.A	Use and evaluate the accuracy of summary statistics to describe and compare data sets.	Sequences, The Rule of 78
MA.9-12.A1.6.A	Use and evaluate the accuracy of summary statistics to describe and compare data sets.	Z-Scores and the Normal Distribution
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Graphs, Functions, Slope
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	A Balance Sheet
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Graphs, Functions, Slope
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Measurement
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Basic Math: Part I
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Budgeting: Part II
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Discounts
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	More Discounts
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Problem Solving
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Sequences, The Rule of 78
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Basic Math: Part I
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Budgeting: Part II
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Consumer Applications
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Discounts

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MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Measurement
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Money
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	More Discounts
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Problem Solving
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Sequences, The Rule of 78
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Basic Math: Part I
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Budgeting: Part II
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Discounts
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	More Discounts
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Problem Solving
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Sequences, The Rule of 78
MA.9-12.A1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	A Balance Sheet
MA.9-12.A1.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	A Balance Sheet
Grade:	Geometry	
Section	Description	Lesson Title
MA.9-12.G.1.C	Use deductive reasoning to prove that a valid geometric statement is true.	Converting Systems
MA.9-12.G.1.E	Identify errors or gaps in a mathematical argument and develop counterexamples to refute invalid statements about geometric relationships.	Converting Systems
MA.9-12.G.1.F	Distinguish between definitions and undefined geometric terms and explain the role of definitions, undefined terms, postulates (axioms), and theorems.	Converting Systems
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Project: Constructions
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Applications

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MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Project: Constructions
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Applications
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Leisure and Retirement
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Leisure and Retirement
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Leisure and Retirement
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Circles
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Leisure and Retirement
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Converting Systems
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Applications
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Leisure and Retirement
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles
MA.9-12.G.5.B	Determine and apply properties of transformations.	Leisure and Retirement
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Circles
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Angles
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Geometry
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solid Figures with Curved Boundaries
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solid Figures with Plane Boundaries
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Advertisements
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Applications
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area Applications
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Circles
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Geometry
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Perimeter and Area

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MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solid Figures with Curved Boundaries
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solid Figures with Plane Boundaries
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Consumer Applications
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Measurement
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Basic Math: Part I
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Budgeting: Part II
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Discounts
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Job Related Services
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Measurement
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Money
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	More Discounts
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Problem Solving
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Sequences, The Rule of 78
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Basic Math: Part I
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Budgeting: Part II

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MA.9-12.G.7.B	Select and apply strategies to solve problems.	Discounts
MA.9-12.G.7.B	Select and apply strategies to solve problems.	More Discounts
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Problem Solving
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Sequences, The Rule of 78
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Basic Math: Part I
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Budgeting: Part II
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Consumer Applications
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Discounts
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Measurement
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Money
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	More Discounts
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Problem Solving
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Sequences, The Rule of 78
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Basic Math: Part I
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Budgeting: Part II
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Discounts
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	More Discounts
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Problem Solving
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Sequences, The Rule of 78
MA.9-12.G.7.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	A Balance Sheet
MA.9-12.G.7.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	A Balance Sheet
Grade:	Algebra 2	

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Section	Description	Lesson Title
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Basic Math: Part I
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Budgeting: Part II
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Discounts
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Measurement
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	More Discounts
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Problem Solving
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Sequences, The Rule of 78
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Basic Math: Part I
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Budgeting: Part II
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Discounts
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	More Discounts
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Problem Solving
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Sequences, The Rule of 78
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Basic Math: Part I
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Budgeting: Part II
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Commission and Tips
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Discounts
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	More Discounts
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Problem Solving
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Sequences, The Rule of 78
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Basic Math: Part I
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Budgeting: Part II
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Discounts
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	More Discounts
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Problem Solving
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Sequences, The Rule of 78

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MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Basic Math: Part I
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Budgeting: Part II
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Discounts
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	More Discounts
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Problem Solving
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Sequences, The Rule of 78
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Basic Math: Part I
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Budgeting: Part II
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Discounts
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	More Discounts
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Problem Solving
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Sequences, The Rule of 78
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Mixture Problems
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Number Skills
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Adding and Subtracting Fractions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Division Review
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Measurement
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiplying and Dividing Fractions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Operations and Decimals
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Signed Numbers and Measurement Scales
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Commission and Tips
MA.9-12.A2.4.C	Solve exponential and logarithmic equations.	Measurement
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a \times \sqrt{x - c} + d$, and solve related equations.	Measurement
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Measurement

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MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Measurement
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Sets and Probability: Part I
MA.9-12.A2.6.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Sets and Probability: Part I
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Basic Math: Part I
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Budgeting: Part II
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Discounts
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	More Discounts
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Problem Solving
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Sequences, The Rule of 78
MA.9-12.A2.6.F	Calculate and interpret measures of variability and standard deviation and use these measures and the characteristics of the normal distribution to describe and compare data sets.	Planning with Measures of Variations
MA.9-12.A2.6.F	Calculate and interpret measures of variability and standard deviation and use these measures and the characteristics of the normal distribution to describe and compare data sets.	Sequences, The Rule of 78
MA.9-12.A2.6.F	Calculate and interpret measures of variability and standard deviation and use these measures and the characteristics of the normal distribution to describe and compare data sets.	Using the Standard Normal Distribution
MA.9-12.A2.6.G	Calculate and interpret margin of error and confidence intervals for population proportions.	Budgeting: Part II
MA.9-12.A2.6.G	Calculate and interpret margin of error and confidence intervals for population proportions.	Confidence Intervals
MA.9-12.A2.6.G	Calculate and interpret margin of error and confidence intervals for population proportions.	Sampling and Estimation
MA.9-12.A2.6.G	Calculate and interpret margin of error and confidence intervals for population proportions.	Z-Scores and the Normal Distribution
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Basic Math: Part I
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Budgeting: Part II
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Discounts
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	More Discounts
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Problem Solving
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Sequences, The Rule of 78
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Basic Math: Part I

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MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Budgeting: Part II
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Consumer Applications
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Discounts
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Measurement
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Money
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	More Discounts
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Problem Solving
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Sequences, The Rule of 78
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Basic Math: Part I
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Budgeting: Part II
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Discounts
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	More Discounts
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Problem Solving
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Sequences, The Rule of 78
MA.9-12.A2.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	A Balance Sheet
MA.9-12.A2.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	A Balance Sheet
Grade:	Mathematics 1	
Section	Description	Lesson Title
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Basic Math: Part I
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Budgeting: Part II
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Discounts

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MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Measurement
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	More Discounts
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Problem Solving
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Sequences, The Rule of 78
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Basic Math: Part I
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Budgeting: Part II
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Discounts
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Markup
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	More Discounts
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Problem Solving
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Purchasing and Variables
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Sequences, The Rule of 78
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Basic Math: Part I
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Budgeting: Part II
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Discounts
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	More Discounts
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Problem Solving
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Sequences, The Rule of 78
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Basic Math: Part I
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Budgeting: Part II
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Discounts
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	More Discounts
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Problem Solving
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Sequences, The Rule of 78
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Graphs, Functions, Slope
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Measurement

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MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Measurement
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Markup
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Measurement
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Purchasing and Variables
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Graphs, Functions, Slope
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Graphs, Functions, Slope
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Markup
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Purchasing and Variables
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Graphs, Functions, Slope
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Markup
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Purchasing and Variables
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Graphs, Functions, Slope
MA.9-12.M1.4.C	Use deductive reasoning to prove that a valid geometric statement is true.	Converting Systems
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Project: Constructions
MA.9-12.M1.5.A	Use and evaluate the accuracy of summary statistics to describe and compare data sets.	Budgeting: Part II
MA.9-12.M1.5.A	Use and evaluate the accuracy of summary statistics to describe and compare data sets.	Sequences, The Rule of 78
MA.9-12.M1.5.A	Use and evaluate the accuracy of summary statistics to describe and compare data sets.	Z-Scores and the Normal Distribution
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Architects and Interior Design
MA.9-12.M1.6.B	Determine whether approximations or exact values of real numbers are appropriate, depending on the context, and justify the selection.	Problem Solving

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MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Graphs, Functions, Slope
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Measurement
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	A Balance Sheet
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Graphs, Functions, Slope
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Basic Math: Part II
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Number Skills
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Basic Math: Part I
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Budgeting: Part II
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Discounts
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	More Discounts
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Problem Solving
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Sequences, The Rule of 78
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Basic Math: Part I
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Budgeting: Part II
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Consumer Applications
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Discounts
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Measurement
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Money
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	More Discounts
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Problem Solving

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MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Sequences, The Rule of 78
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Basic Math: Part I
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Budgeting: Part II
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Discounts
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	More Discounts
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Problem Solving
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Sequences, The Rule of 78
MA.9-12.M1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	A Balance Sheet
MA.9-12.M1.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	A Balance Sheet
Grade:	Mathematics 2	
Section	Description	Lesson Title
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Basic Math: Part I
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Budgeting: Part II
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Discounts
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Measurement
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	More Discounts
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Problem Solving
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Sequences, The Rule of 78
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Basic Math: Part I
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Budgeting: Part II
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Discounts
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	More Discounts
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Problem Solving
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Sequences, The Rule of 78

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MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Basic Math: Part I
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Budgeting: Part II
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Commission and Tips
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Discounts
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	More Discounts
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Problem Solving
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Sequences, The Rule of 78
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Basic Math: Part I
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Budgeting: Part II
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Discounts
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	More Discounts
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Problem Solving
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Sequences, The Rule of 78
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Basic Math: Part I
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Budgeting: Part II
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Discounts
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	More Discounts
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Problem Solving
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Sequences, The Rule of 78
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Graphs, Functions, Slope
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Number Skills
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Commission and Tips
MA.9-12.M2.3.A	Use deductive reasoning to prove that a valid geometric statement is true.	Converting Systems
MA.9-12.M2.3.B	Identify errors or gaps in a mathematical argument and develop counterexamples to refute invalid statements about geometric relationships.	Converting Systems
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Applications
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Project: Constructions
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Applications
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Leisure and Retirement

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MA.9-12.M2.3.I	Use the properties of special right triangles (30°-60°-90° and 45°- 45°-90°) to solve problems.	Leisure and Retirement
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Leisure and Retirement
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Converting Systems
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Applications
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Leisure and Retirement
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Sets and Probability: Part I
MA.9-12.M2.4.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Sets and Probability: Part I
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Basic Math: Part I
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Budgeting: Part II
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Discounts
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	More Discounts
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Problem Solving
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Sequences, The Rule of 78
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Prime Numbers and Factors
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Consumer Applications
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Measurement
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Basic Math: Part I
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Budgeting: Part II
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Discounts

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MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Job Related Services
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Measurement
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Money
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	More Discounts
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Problem Solving
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Sequences, The Rule of 78
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Basic Math: Part I
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Budgeting: Part II
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Discounts
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	More Discounts
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Problem Solving
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Sequences, The Rule of 78
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Basic Math: Part I
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Budgeting: Part II
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Consumer Applications
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Discounts
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Measurement
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Money
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	More Discounts
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Problem Solving

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MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Sequences, The Rule of 78
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Basic Math: Part I
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Budgeting: Part II
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Discounts
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	More Discounts
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Problem Solving
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Sequences, The Rule of 78
MA.9-12.M2.6.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	A Balance Sheet
MA.9-12.M2.6.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	A Balance Sheet
Grade:	Mathematics 3	
Section	Description	Lesson Title
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Basic Math: Part I
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Budgeting: Part II
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Discounts
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Measurement
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	More Discounts
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Problem Solving
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Sequences, The Rule of 78
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Basic Math: Part I
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Budgeting: Part II
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Discounts
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	More Discounts
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Problem Solving
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Sequences, The Rule of 78

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MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Basic Math: Part I
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Budgeting: Part II
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Commission and Tips
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Discounts
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	More Discounts
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Problem Solving
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Sequences, The Rule of 78
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Basic Math: Part I
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Budgeting: Part II
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Discounts
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	More Discounts
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Problem Solving
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Sequences, The Rule of 78
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x\hat{A}^2 + b$, and $f(x) = a/(bx+c)$.	Basic Math: Part I
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x\hat{A}^2 + b$, and $f(x) = a/(bx+c)$.	Budgeting: Part II
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x\hat{A}^2 + b$, and $f(x) = a/(bx+c)$.	Discounts
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x\hat{A}^2 + b$, and $f(x) = a/(bx+c)$.	More Discounts
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x\hat{A}^2 + b$, and $f(x) = a/(bx+c)$.	Problem Solving
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x\hat{A}^2 + b$, and $f(x) = a/(bx+c)$.	Sequences, The Rule of 78
MA.9-12.M3.2.B	Determine and apply properties of transformations.	Leisure and Retirement
MA.9-12.M3.3.C	Solve exponential and logarithmic equations.	Measurement
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Measurement
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Measurement

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MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Measurement
MA.9-12.M3.4.A	Calculate and interpret measures of variability and standard deviation and use these measures and the characteristics of the normal distribution to describe and compare data sets.	Planning with Measures of Variations
MA.9-12.M3.4.A	Calculate and interpret measures of variability and standard deviation and use these measures and the characteristics of the normal distribution to describe and compare data sets.	Sequences, The Rule of 78
MA.9-12.M3.4.A	Calculate and interpret measures of variability and standard deviation and use these measures and the characteristics of the normal distribution to describe and compare data sets.	Using the Standard Normal Distribution
MA.9-12.M3.4.B	Calculate and interpret margin of error and confidence intervals for population proportions.	Budgeting: Part II
MA.9-12.M3.4.B	Calculate and interpret margin of error and confidence intervals for population proportions.	Confidence Intervals
MA.9-12.M3.4.B	Calculate and interpret margin of error and confidence intervals for population proportions.	Sampling and Estimation
MA.9-12.M3.4.B	Calculate and interpret margin of error and confidence intervals for population proportions.	Z-Scores and the Normal Distribution
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Leisure and Retirement
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Geometry
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solid Figures with Curved Boundaries
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solid Figures with Plane Boundaries
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Advertisements
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Applications
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area Applications
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Circles
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Geometry
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Perimeter and Area
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solid Figures with Curved Boundaries

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MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solid Figures with Plane Boundaries
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Angles
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Mixture Problems
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Number Skills
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Adding and Subtracting Fractions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Division Review
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Measurement
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiplying and Dividing Fractions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Operations and Decimals
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Signed Numbers and Measurement Scales
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Circles
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Circles
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Circles
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Basic Math: Part I
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Budgeting: Part II
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Discounts
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	More Discounts
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Problem Solving
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Sequences, The Rule of 78
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Basic Math: Part I
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Budgeting: Part II
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Consumer Applications
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Discounts
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Measurement

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MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Money
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	More Discounts
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Problem Solving
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Sequences, The Rule of 78
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Basic Math: Part I
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Budgeting: Part II
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Discounts
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	More Discounts
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Problem Solving
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Sequences, The Rule of 78
MA.9-12.M3.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	A Balance Sheet
MA.9-12.M3.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	A Balance Sheet

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.a	Explain the meaning of scientific notation using words, pictures, symbols, or numbers.	Exponents in Scientific Notation
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Exponents in Scientific Notation
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Multi-Step Word Problems (Percent Mixture)
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Negative Whole-Number Exponents
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Using Exponent Rules
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Working with Exponents and Roots
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Working with Percents (1) Increase and Decrease
MA.9-10.1.1.1.c	Read and translate numbers represented in scientific notation from calculators and other technology, texts, tables, and charts.	Exponents in Scientific Notation
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Exponents in Scientific Notation
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Working with Percents (2) Applications of Percents
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Converting Between Units of Measure
MA.9-10.1.1.5.a	Compute using scientific notation.	Exponents in Scientific Notation
MA.9-10.1.1.5.b	Use scientific notation to simplify a calculation.	Exponents in Scientific Notation
MA.9-10.1.1.6.a	Calculate using order of operations on rational numbers.	Order of Operations
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Add and Subtract Polynomials
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Order of Operations
MA.9-10.1.1.6.c	Apply strategies to complete multi-step computations fluently.	Analyzing Problems
MA.9-10.1.1.8.a	Select, explain, and justify situations involving rational numbers where estimates are sufficient and others for which an exact value is required.	Estimation (1)
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Complex 2D Objects
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Complex 3D Objects

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MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Perimeter and Area: 2D Figures
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Complex 2D Objects
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Perimeter and Area: 2D Figures
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Complex 2D Objects
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Complex 3D Objects
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Perimeter and Area: 2D Figures
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.3.b	Use procedures to convert derived units of measure.	Converting Between Units of Measure
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Working with Percents (2) Applications of Percents
MA.9-10.1.2.5.a	Use formulas to determine and label the volume of a compound figure.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Complex 3D Objects
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.6.a	Determine when approximate measurements are sufficient and estimate a reasonable measurement at an appropriate level of precision.	Converting Between Units of Measure
MA.9-10.1.2.6.a	Determine when approximate measurements are sufficient and estimate a reasonable measurement at an appropriate level of precision.	Measurement Systems
MA.9-10.1.2.6.b	Estimate quantities using derived units of measure.	Converting Between Units of Measure
MA.9-10.1.2.6.b	Estimate quantities using derived units of measure.	Measurement Systems
MA.9-10.1.2.6.c	Estimate derived units of measure.	Converting Between Units of Measure
MA.9-10.1.2.6.c	Estimate derived units of measure.	Measurement Systems
MA.9-10.1.2.6.d	Select and use a procedure to find a reasonable estimate for and label the volumes of prisms and cylinders.	Converting Between Units of Measure
MA.9-10.1.2.6.d	Select and use a procedure to find a reasonable estimate for and label the volumes of prisms and cylinders.	Measurement Systems

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MA.9-10.1.2.6.d	Select and use a procedure to find a reasonable estimate for and label the volumes of prisms and cylinders.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.6.e	Estimate conversions between yards and meters and quarts and liters.	Converting Between Units of Measure
MA.9-10.1.2.6.e	Estimate conversions between yards and meters and quarts and liters.	Measurement Systems
MA.9-10.1.2.6.f	Describe a procedure that would be an appropriate way to estimate a measurement.	Converting Between Units of Measure
MA.9-10.1.2.6.f	Describe a procedure that would be an appropriate way to estimate a measurement.	Measurement Systems
MA.9-10.1.3.1.a	Make and test conjectures about 2-dimensional and 3-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models.	Inductive and Deductive Reasoning
MA.9-10.1.3.1.a	Make and test conjectures about 2-dimensional and 3-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models.	Making Conjectures
MA.9-10.1.3.2.e	Given a set of characteristics, draw a plane figure and justifies the drawing.	Converting Between Units of Measure
MA.9-10.1.3.2.f	Create a three-dimensional scale drawing with particular geometric properties.	Geometric Shapes: Scale Factors
MA.9-10.1.3.2.f	Create a three-dimensional scale drawing with particular geometric properties.	Scale Drawings and Models
MA.9-10.1.3.3.a	Determine geometric properties of two-dimensional objects using coordinates on a grid.	Coordinate Graphs
MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Working with Percents (2) Applications of Percents
MA.9-10.1.3.3.e	Write ordered pairs to describe the locations of points or objects on a coordinate grid.	Coordinate Graphs
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Transformations and Congruent Figures
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Transformations and Congruent Figures
MA.9-10.1.4.2.b	Determine probabilities of dependent and independent events.	Representing Probabilities
MA.9-10.1.4.2.c	Determine the outcomes and probability of multiple independent or dependent events.	Outcomes
MA.9-10.1.4.2.c	Determine the outcomes and probability of multiple independent or dependent events.	Representing Probabilities
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	Displaying and Comparing Data Sets
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	Estimation (2)
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	Graphs and Charts
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	Outcomes
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	Represent Data
MA.9-10.1.5.1.a	Represent, extend, or create a pattern or sequence between sets of numbers representing a linear function.	Graphing Linear Functions
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Graphing Linear Functions
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Writing Mathematical Statements

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MA.9-10.1.5.1.e	Describe or represent linear and exponential patterns in words or algebraic symbols.	Writing Mathematical Statements
MA.9-10.1.5.2.d	Write an equation for a line given a graph of the line.	Graphing Higher Power Functions
MA.9-10.1.5.2.d	Write an equation for a line given a graph of the line.	Parallel Lines
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Working with Percents (2) Applications of Percents
MA.9-10.1.5.2.g	Write an equation for a reasonable line to describe a set of bivariate data from a table or scatter plot.	Estimation (2)
MA.9-10.1.5.4.b	Write equations in recursive form for additive or multiplicative models.	Converting Between Units of Measure
MA.9-10.1.5.4.d	Differentiate between and explain correct vs. incorrect representations of algebraic situations.	Writing Mathematical Statements
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Add and Subtract Polynomials
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Order of Operations
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	The Distributive Property
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Writing Mathematical Statements
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Add and Subtract Polynomials
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Negative Whole-Number Exponents
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Order of Operations
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Using Exponent Rules
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Working with Exponents and Roots
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Add and Subtract Polynomials
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Order of Operations
MA.9-10.1.5.5.d	Evaluate formulas or expressions that involve squares or cubes.	Order of Operations
MA.9-10.1.5.5.d	Evaluate formulas or expressions that involve squares or cubes.	Powers and Roots
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	System of Equations
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	System of Linear Inequalities
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	System of Equations
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Solving Two-Step Equations and Inequalities
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Inverse Operations
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Solving Linear Inequalities
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	System of Linear Inequalities
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	System of Equations
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Working with Percents (1) Increase and Decrease
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Working with Percents (2) Applications of Percents
MA.9-10.2.1.1.a	Investigate the situation and determines if there is a problem to solve.	Analyzing Problems
MA.9-10.2.1.1.a	Investigate the situation and determines if there is a problem to solve.	Working with Percents (1) Increase and Decrease

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MA.9-10.2.1.1.a	Investigate the situation and determines if there is a problem to solve.	Working with Percents (2) Applications of Percents
MA.9-10.2.1.1.c	Generate questions to be answered in order to solve the problem.	Working with Percents (1) Increase and Decrease
MA.9-10.2.1.1.c	Generate questions to be answered in order to solve the problem.	Working with Percents (2) Applications of Percents
MA.9-10.2.2.1.a	Select and use relevant information from the problem.	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.1.a	Select and use relevant information from the problem.	Working with Percents (2) Applications of Percents
MA.9-10.2.2.2.a	Select and use appropriate concepts and procedures to construct a solution.	Analyzing Problems
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Analyzing Problems
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	Analyzing Problems
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.3.b	Apply a variety of strategies and approaches.	Working with Percents (2) Applications of Percents
MA.9-10.2.2.3.c	Determine when an approach is unproductive and modifies or tries a new approach.	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.3.c	Determine when an approach is unproductive and modifies or tries a new approach.	Working with Percents (2) Applications of Percents
MA.9-10.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	Analyzing Problems
MA.9-10.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.3.d	Determine whether a given solution shows the application of strategies that are appropriate.	Working with Percents (2) Applications of Percents
MA.9-10.2.2.4.b	Determine whether the solution is reasonable for the situation.	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.4.b	Determine whether the solution is reasonable for the situation.	Working with Percents (2) Applications of Percents
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Displaying and Comparing Data Sets
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Graphs and Charts
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Outcomes
MA.9-10.3.1.1.c	Compare mathematical information in tables, charts, graphs, text, diagrams, figures, or pictorial representations.	Represent Data
MA.9-10.3.1.1.e	Analyze information to make a conjecture.	Inductive and Deductive Reasoning
MA.9-10.3.1.1.e	Analyze information to make a conjecture.	Making Conjectures
MA.9-10.3.2.2.a	Check the viability and appropriate use of a selected procedure in a given situation	Working with Percents (1) Increase and Decrease
MA.9-10.3.2.2.a	Check the viability and appropriate use of a selected procedure in a given situation	Working with Percents (2) Applications of Percents
MA.9-10.3.2.2.b	Evaluate a conclusion based on given information and/or procedures used and describes a revision as needed.	Converting Between Units of Measure

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MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Converting Between Units of Measure
MA.9-10.3.3.2.a	Check for reasonableness of results in a given situation.	Working with Percents (1) Increase and Decrease
MA.9-10.3.3.2.a	Check for reasonableness of results in a given situation.	Working with Percents (2) Applications of Percents
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Converting Between Units of Measure
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Converting Between Units of Measure
MA.9-10.4.1.1.a	Determine appropriate mathematical information needed for a specific purpose or audience.	Working with Percents (1) Increase and Decrease
MA.9-10.4.1.1.a	Determine appropriate mathematical information needed for a specific purpose or audience.	Working with Percents (2) Applications of Percents
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Displaying and Comparing Data Sets
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Graphs and Charts
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Outcomes
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Represent Data
MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Estimation (2)
MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Geometric Shapes: Scale Factors
MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Scale Drawings and Models
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Working with Percents (1) Increase and Decrease
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Working with Percents (2) Applications of Percents
MA.9-10.5.2.1.a	Provide examples of using mathematical thinking, patterns, ideas, and modeling in other disciplines.	Working with Percents (1) Increase and Decrease
MA.9-10.5.2.1.a	Provide examples of using mathematical thinking, patterns, ideas, and modeling in other disciplines.	Working with Percents (2) Applications of Percents
MA.9-10.5.3.1.a	Describe situations in which mathematics can be used to solve problems with local, national, or international implications.	Working with Percents (1) Increase and Decrease

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MA.9-10.5.3.1.a	Describe situations in which mathematics can be used to solve problems with local, national, or international implications.	Working with Percents (2) Applications of Percents
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Working with Percents (1) Increase and Decrease
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Working with Percents (2) Applications of Percents
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Section	Description	Lesson Title
MA.11-12.1.1.1.a	Explain the meaning of the square root of a number, including why negative numbers have no real square roots.	The Distributive Property
MA.11-12.1.1.1.c	Explain the meaning of negative integer exponents and provides examples.	Exponents in Scientific Notation
MA.11-12.1.1.1.c	Explain the meaning of negative integer exponents and provides examples.	Negative Whole-Number Exponents
MA.11-12.1.1.1.c	Explain the meaning of negative integer exponents and provides examples.	The Distributive Property
MA.11-12.1.1.5.a	Represent, interpret, and compare expressions involving absolute values, including positional relationships on number line.	Absolute Value and Integers
MA.11-12.1.1.5.b	Find the absolute value of numbers.	Absolute Value and Integers
MA.11-12.1.1.5.d	Perform arithmetic operations with expressions involving absolute value.	Absolute Value and Integers
MA.11-12.1.1.5.d	Perform arithmetic operations with expressions involving absolute value.	Add and Subtract Polynomials
MA.11-12.1.1.5.d	Perform arithmetic operations with expressions involving absolute value.	Order of Operations
MA.11-12.1.1.6.b	Compute using scientific notation.	Exponents in Scientific Notation
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Working with Percents (1) Increase and Decrease
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Working with Percents (2) Applications of Percents
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Order of Operations
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	The Distributive Property
MA.11-12.1.1.7.a	Select and justify appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Analyzing Problems
MA.11-12.1.1.7.b	Describe strategies for mentally solving problems using involving real numbers.	Analyzing Problems
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Estimation (1)
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Working with Percents (1) Increase and Decrease

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MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Working with Percents (2) Applications of Percents
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Measures of Rates and Products
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Working with Percents (1) Increase and Decrease
MA.11-12.1.2.2.b	Solve problems involving rates such as speed, density, population density, or flow rates.	Working with Percents (2) Applications of Percents
MA.11-12.1.2.2.c	Solve problems involving rate of change.	Working with Percents (1) Increase and Decrease
MA.11-12.1.2.2.c	Solve problems involving rate of change.	Working with Percents (2) Applications of Percents
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Pythagorean Theorem
MA.11-12.1.3.1.a	Use physical, symbolic, and technological models to explore conjectures.	Inductive and Deductive Reasoning
MA.11-12.1.3.1.a	Use physical, symbolic, and technological models to explore conjectures.	Making Conjectures
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Transformations and Congruent Figures
MA.11-12.1.3.2.a	Inductively generate a conjecture and deductively support it.	Inductive and Deductive Reasoning
MA.11-12.1.3.2.a	Inductively generate a conjecture and deductively support it.	Making Conjectures
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Converting Between Units of Measure
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Transformations and Congruent Figures
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Complex 2D Objects
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Complex 3D Objects
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Perimeter and Area: 2D Figures
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Surface Area and Volume: 3D Figures
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Complex 2D Objects
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Perimeter and Area: 2D Figures
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	Pythagorean Theorem
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	Complex 3D Objects
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	Surface Area and Volume: 3D Figures

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MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Working with Percents (2) Applications of Percents
MA.11-12.1.3.3.c	Introduce a coordinate system when useful for describing the position of objects in a situation.	Coordinate Graphs
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Coordinate Graphs
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Parallel Lines
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Independent and Dependent Variables
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Representing Probabilities
MA.11-12.1.4.2.b	Describe and apply procedures for computing and comparing theoretical probabilities and empirical/experimental results.	Independent and Dependent Variables
MA.11-12.1.4.2.b	Describe and apply procedures for computing and comparing theoretical probabilities and empirical/experimental results.	Representing Probabilities
MA.11-12.1.4.3.a	Know and interpret the key characteristics of a normal distribution such as shape, center (mean), and spread (standard deviation).	Measures of Central Tendency
MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Measures of Central Tendency
MA.11-12.1.4.5.d	Recognize that the correlation coefficient is a number between -1 and +1 that measures the strength of the linear relationship between two variables: usually estimate the correlation coefficient (e.g., positive or negative, closer to 0, 0.5, or 1.0) of a scatter plot.	Estimation (2)
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Estimation (2)
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Evaluating Statistical Claims
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Graphs and Charts
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Working with Percents (1) Increase and Decrease
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Working with Percents (2) Applications of Percents
MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	Writing Mathematical Statements
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Graphing Linear Functions

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MA.11-12.1.5.1.f	Identify and analyze the general forms of linear, quadratic, reciprocal ($y=k/x$), exponential, or trigonometric functions.	Graphing Linear Functions
MA.11-12.1.5.2.d	Write an equation for a line given a graph of the line.	Graphing Higher Power Functions
MA.11-12.1.5.2.d	Write an equation for a line given a graph of the line.	Parallel Lines
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Graphing Higher Power Functions
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Solving Linear Inequalities
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	System of Linear Inequalities
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Working with Percents (2) Applications of Percents
MA.11-12.1.5.4.a	Explain the distinction between factor and term.	Fractions and Factoring
MA.11-12.1.5.4.c	Explain the distinction between simplify and solve.	Converting Between Units of Measure
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Converting Between Units of Measure
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Converting Between Units of Measure
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Inverse Operations
MA.11-12.1.5.4.f	Use appropriate properties to simplify an expression, resulting in an equivalent expression.	Add and Subtract Polynomials
MA.11-12.1.5.4.f	Use appropriate properties to simplify an expression, resulting in an equivalent expression.	Order of Operations
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	Add and Subtract Polynomials
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	Multiply and Divide Polynomials
MA.11-12.1.5.5.d	Simplify quotients of polynomials given in factored form, or in a form which can be factored.	Add and Subtract Polynomials
MA.11-12.1.5.5.d	Simplify quotients of polynomials given in factored form, or in a form which can be factored.	Multiply and Divide Polynomials
MA.11-12.1.5.5.f	Simplify products and quotients of single-term expressions with rational exponents	Add and Subtract Polynomials
MA.11-12.1.5.5.f	Simplify products and quotients of single-term expressions with rational exponents	Order of Operations
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Graphing Higher Power Functions
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Multi-Step Word Problems (Rate)
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Multi-Step Word Problems (Work)
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Solutions of Linear Equations
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Solving Linear Equations
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	Inverse Operations
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	Solving Linear Inequalities
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	System of Linear Inequalities
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	System of Equations
MA.11-12.1.5.6.d	Solve linear inequalities in two variables (graphically only).	Inverse Operations

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MA.11-12.1.5.6.d	Solve linear inequalities in two variables (graphically only).	Solving Linear Inequalities
MA.11-12.1.5.6.d	Solve linear inequalities in two variables (graphically only).	System of Linear Inequalities
MA.11-12.1.5.6.e	Solve absolute value equations of the form $ ax + b = c$.	Converting Between Units of Measure
MA.11-12.1.5.6.e	Solve absolute value equations of the form $ ax + b = c$.	Solving Absolute Value Inequalities
MA.11-12.1.5.6.f	Use a variety of strategies to solve quadratic equations including those with irrational solutions and recognize when solutions are non-real.	Analyzing Problems
MA.11-12.1.5.6.g	Solve equations in one variable containing a single radical.	Converting Between Units of Measure
MA.11-12.1.5.6.g	Solve equations in one variable containing a single radical.	Inverse Operations
MA.11-12.1.5.6.h	Solve exponential equations in one variable (numerically, graphically).	Converting Between Units of Measure
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Converting Between Units of Measure
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Graphing Higher Power Functions
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Inverse Operations
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Multi-Step Word Problems (Work)
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Solving Linear Equations
MA.11-12.2.1.2.a	Extract necessary facts and relationships from the given information.	Working with Percents (1) Increase and Decrease
MA.11-12.2.1.2.a	Extract necessary facts and relationships from the given information.	Working with Percents (2) Applications of Percents
MA.11-12.2.1.2.b	Identify and supply additional information needed to solve each problem.	Working with Percents (1) Increase and Decrease
MA.11-12.2.1.2.b	Identify and supply additional information needed to solve each problem.	Working with Percents (2) Applications of Percents
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Analyzing Problems
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Working with Percents (1) Increase and Decrease
MA.11-12.2.2.3.a	Evaluate the advantages and disadvantages of different strategies, representations, and tools (including various forms of technology) for solving the problem.	Working with Percents (2) Applications of Percents
MA.11-12.2.2.4.a	Execute a plan to solve the problem.	Working with Percents (1) Increase and Decrease
MA.11-12.2.2.4.a	Execute a plan to solve the problem.	Working with Percents (2) Applications of Percents
MA.11-12.2.2.4.b	Evaluate and revise the solution method when it appears unlikely to produce a reasonable or suitably accurate result.	Analyzing Problems
MA.11-12.2.2.4.d	Provide oral, written, and/or symbolic explanations of the reasoning used to obtain a solution.	Converting Between Units of Measure

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MA.11-12.2.2.4.f	Use a variety of approaches - inductive and deductive, estimations, generalizations, formal, and/or informal methods of proof - to justify solutions.	Converting Between Units of Measure
MA.11-12.2.2.4.f	Use a variety of approaches - inductive and deductive, estimations, generalizations, formal, and/or informal methods of proof - to justify solutions.	Estimation (1)
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Working with Percents (2) Applications of Percents
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Writing Mathematical Statements
MA.11-12.3.1.1.d	Identify and justify whether a result obtained from a function model has real world significance.	Converting Between Units of Measure
MA.11-12.3.3	Verify results.	Converting Between Units of Measure
MA.11-12.4.2.1.a	Identify the variables and constants used.	Writing Mathematical Statements
MA.11-12.4.2.1.b	Identify units associated with these variables and constants.	Converting Between Units of Measure
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Displaying and Comparing Data Sets
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Graphs and Charts
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Outcomes
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Represent Data
MA.11-12.4.2.3.b	Use appropriate details or evidence to support the explanation.	Converting Between Units of Measure
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Analyzing Problems
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Working with Percents (2) Applications of Percents
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Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.a	Read and use scientific and exponential notation.	Exponents in Scientific Notation
MA.9-10.1.1.1.b	Identify a real-life situation to match a particular number written in scientific or exponential notation and justify the answer.	Converting Between Units of Measure
MA.9-10.1.1.1.b	Identify a real-life situation to match a particular number written in scientific or exponential notation and justify the answer.	Exponents in Scientific Notation
MA.9-10.1.1.1.c	Use scientific or exponential notation to simplify a problem.	Exponents in Scientific Notation
MA.9-10.1.1.1.d	Illustrate the meaning of scientific notation using pictures, diagrams, or numbers.	Exponents in Scientific Notation
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Exponents in Scientific Notation
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Graphs and Charts
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Represent Data

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MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Analyzing Problems
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Analyzing Problems
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Fractions and Factoring
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Working with Percents (1) Increase and Decrease
MA.9-10.1.1.4.d	Solve problems using direct or inverse models (e.g., similarity, age of car vs. worth).	Working with Percents (2) Applications of Percents
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Negative Whole-Number Exponents
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Order of Operations
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Using Exponent Rules
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Working with Exponents and Roots
MA.9-10.1.1.6.b	Calculate using order of operations on all forms of rational numbers (e.g., $(3 * 2 + 5)2 - 8, 22 + 32$).	Order of Operations
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Add and Subtract Polynomials
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Order of Operations
MA.9-10.1.1.8.a	Identify when an approximation is appropriate.	Estimation (1)
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Working with Percents (2) Applications of Percents
MA.9-10.1.1.8.c	Justify why an estimate would be used rather than an exact answer in a given situation.	Converting Between Units of Measure
MA.9-10.1.1.8.c	Justify why an estimate would be used rather than an exact answer in a given situation.	Estimation (1)
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Complex 3D Objects
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Surface Area and Volume: 3D Figures
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Complex 2D Objects
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Perimeter and Area: 2D Figures

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MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Surface Area and Volume: 3D Figures
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Complex 3D Objects
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Fractions and Factoring
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Surface Area and Volume: 3D Figures
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Working with Percents (1) Increase and Decrease
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Working with Percents (2) Applications of Percents
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Complex 2D Objects
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Complex 3D Objects
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Perimeter and Area: 2D Figures
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Complex 2D Objects
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Complex 3D Objects
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Perimeter and Area: 2D Figures
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.3.d	Convert to a smaller unit within a system to increase the precision of a derived unit of measurement.	Converting Between Units of Measure
MA.9-10.1.2.5.a	Explain how to use a formula for finding the volume of a prism or cylinder.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.5.b	Use a formula to find the volume of a prism or cylinder.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.5.c	Use a formula to derive a dimension of a right prism or right cylinder given other measures.	Converting Between Units of Measure

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MA.9-10.1.2.5.d	Use formulas to describe and compare the surface areas and volumes of two or more right prisms and/or right cylinders.	Complex 3D Objects
MA.9-10.1.2.5.d	Use formulas to describe and compare the surface areas and volumes of two or more right prisms and/or right cylinders.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.6.a	Identify situations in which approximate measurements are sufficient.	Converting Between Units of Measure
MA.9-10.1.2.6.a	Identify situations in which approximate measurements are sufficient.	Measurement Systems
MA.9-10.1.2.6.b	Estimate a reasonable measurement at an appropriate level of precision.	Converting Between Units of Measure
MA.9-10.1.2.6.b	Estimate a reasonable measurement at an appropriate level of precision.	Measurement Systems
MA.9-10.1.2.6.c	Estimate quantities using derived units of measure (e.g., distance or time using miles per hour, cost using unit cost).	Converting Between Units of Measure
MA.9-10.1.2.6.c	Estimate quantities using derived units of measure (e.g., distance or time using miles per hour, cost using unit cost).	Measurement Systems
MA.9-10.1.2.6.d	Estimate derived units of measure (e.g., miles/hour, people/year, grams/cubic centimeter).	Converting Between Units of Measure
MA.9-10.1.2.6.d	Estimate derived units of measure (e.g., miles/hour, people/year, grams/cubic centimeter).	Measurement Systems
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Converting Between Units of Measure
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Measurement Systems
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Surface Area and Volume: 3D Figures
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Complex 3D Objects
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Converting Between Units of Measure
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Measurement Systems
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Surface Area and Volume: 3D Figures
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Coordinate Graphs
MA.9-10.1.3.1.f	Make and test conjectures about twodimensional and three-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape?).	Inductive and Deductive Reasoning
MA.9-10.1.3.2.c	Draw a plane shape and justify the answer given a set of characteristics.	Converting Between Units of Measure

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MA.9-10.1.3.2.e	Compare two-dimensional and three-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Coordinate Graphs
MA.9-10.1.3.2.g	Create a three-dimensional scale drawing with particular geometric characteristics.	Geometric Shapes: Scale Factors
MA.9-10.1.3.2.g	Create a three-dimensional scale drawing with particular geometric characteristics.	Scale Drawings and Models
MA.9-10.1.3.4.a	Apply multiple transformations to create congruent and similar figures in any or all of the four quadrants.	Transformations and Congruent Figures
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Transformations and Congruent Figures
MA.9-10.1.3.4.f	Define a set of transformations that would map one onto the other given two similar shapes.	Transformations and Congruent Figures
MA.9-10.1.3.4.g	Create a design with or without technology using a combination of two or more transformations with one or two two-dimensional figures.	Transformations and Congruent Figures
MA.9-10.1.4.1.a	Compare the probabilities of dependent and independent events.	Representing Probabilities
MA.9-10.1.4.1.b	Determine and justify whether the outcome of a first event affects the probability of a later event (e.g., drawing cards from a deck with or without replacement).	Representing Probabilities
MA.9-10.1.4.1.c	Explain the difference between dependent and independent events.	Representing Probabilities
MA.9-10.1.4.2.a	Determine probabilities of dependent and independent events.	Independent and Dependent Variables
MA.9-10.1.4.2.a	Determine probabilities of dependent and independent events.	Outcomes
MA.9-10.1.4.2.a	Determine probabilities of dependent and independent events.	Representing Probabilities
MA.9-10.1.4.2.b	Generate the outcomes and probability of multiple independent and dependent events using a model or procedure (e.g., tree diagram, area model, counting procedures).	Outcomes
MA.9-10.1.4.4.b	Determine the equation of a line that fits the data displayed on a scatter plot.	Estimation (2)
MA.9-10.1.4.4.e	Match an equation with a graphic display.	Displaying and Comparing Data Sets
MA.9-10.1.4.5.e	Determine whether an equation for a line is appropriate for a given set of data and support the judgment with data.	Converting Between Units of Measure
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Graphing Linear Functions
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Writing Mathematical Statements
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slope-intercept, point-slope, two points).	Graphing Higher Power Functions
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slope-intercept, point-slope, two points).	Parallel Lines
MA.9-10.1.5.2.c	Identify or write an equation or rule to describe a pattern, sequence, and/or a linear function.	Graphing Linear Functions
MA.9-10.1.5.2.d	Write an equation for a line given a set of information (e.g., two points, point-slope, etc.).	Parallel Lines
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	System of Equations

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MA.9-10.1.5.2.g	Write a story that represents a given linear equation or expression.	Graphing Higher Power Functions
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Graphing Higher Power Functions
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Graphing Higher Power Functions
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Multi-Step Word Problems (Rate)
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Multi-Step Word Problems (Work)
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Solving Linear Inequalities
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	System of Linear Inequalities
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Graphing Higher Power Functions
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Multi-Step Word Problems (Rate)
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Multi-Step Word Problems (Work)
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Working with Percents (2) Applications of Percents
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Add and Subtract Polynomials
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Negative Whole-Number Exponents
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Order of Operations
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Using Exponent Rules
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Working with Exponents and Roots
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Add and Subtract Polynomials
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Negative Whole-Number Exponents

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MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Order of Operations
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Using Exponent Rules
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Working with Exponents and Roots
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Add and Subtract Polynomials
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Analyzing Problems
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Order of Operations
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Inverse Operations
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Graphing Higher Power Functions
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Multi-Step Word Problems (Rate)
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Multi-Step Word Problems (Work)
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Solutions of Linear Equations
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Solving Linear Equations
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	System of Equations
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	System of Linear Inequalities
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	System of Equations
MA.9-10.1.5.6.e	Solve multi-step equations.	Solving Two-Step Equations and Inequalities
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	System of Equations
MA.9-10.1.5.6.h	Use systems of equations to determine the most advantageous outcome given a situation (e.g., given two investment options, determine under what conditions each will yield the best result).	System of Equations
MA.9-10.2.1.1.a	Use strategies to become informed about the situation (e.g., listing information; examine the table for patterns; create a scatter plot to look for patterns; asking questions).	Analyzing Problems
MA.9-10.2.1.1.b	Summarize the problem (e.g., there are Olympic winning times over the past 50 years; both men's and women's times are decreasing; will there come a time when women run faster than men).	Analyzing Problems
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Analyzing Problems

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MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Fractions and Factoring
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Working with Percents (1) Increase and Decrease
MA.9-10.2.1.1.e	Define the problem (e.g., if the pattern continues in the same fashion, will women run faster than men and, if so, when will that occur).	Working with Percents (2) Applications of Percents
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Analyzing Problems
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Graphing Higher Power Functions
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Multi-Step Word Problems (Rate)
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	System of Equations
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Fractions and Factoring
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	System of Equations
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Working with Percents (2) Applications of Percents

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MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Analyzing Problems
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Fractions and Factoring
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	System of Equations
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Working with Percents (2) Applications of Percents
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Fractions and Factoring
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.2.c	Identify when an approach is unproductive and modify or try a new approach (e.g., if the result does not make sense in the context, return to the plan to see if something has gone wrong and adjust accordingly).	Working with Percents (2) Applications of Percents
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Fractions and Factoring
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Working with Percents (1) Increase and Decrease
MA.9-10.2.2.2.d	Check the solution to see if it works (e.g., the solution may be a partial year [i.e., 2003.6]; decide how to deal with this and also if the year is reasonable [i.e., 1925 does not make sense given the context]).	Working with Percents (2) Applications of Percents
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Parallel Lines
MA.9-10.3.2.1.a	Make and test conjectures about twodimensional and three-dimensional figures and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape).	Inductive and Deductive Reasoning
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Surface Area and Volume: 3D Figures

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MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Converting Between Units of Measure
MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Measurement Systems
MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Surface Area and Volume: 3D Figures
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Outcomes
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Representing Probabilities
MA.9-10.4.2.2.a	Explain how division of measurements produces a derived unit of measurement (e.g., miles traveled divided by hours traveled yields the derived unit [miles per hour]).	Converting Between Units of Measure
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Complex 3D Objects
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Surface Area and Volume: 3D Figures
MA.9-10.5.1.1.a	Estimate derived units of measure (e.g., miles per hour, people/year, grams/cubic centimeters).	Converting Between Units of Measure
MA.9-10.5.1.1.a	Estimate derived units of measure (e.g., miles per hour, people/year, grams/cubic centimeters).	Measurement Systems
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Graphing Higher Power Functions
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Parallel Lines
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	System of Equations
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	System of Linear Inequalities
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Writing Mathematical Statements
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Fractions and Factoring
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Working with Percents (1) Increase and Decrease
MA.9-10.5.2.1.b	Create a physical activity plan that results in a specified number of calories over a specified time.	Working with Percents (2) Applications of Percents
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Complex 2D Objects
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Perimeter and Area: 2D Figures

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MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Surface Area and Volume: 3D Figures
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Algebra	
Section	Description	Lesson Title
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Fractions and Factoring
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Fractions and Factoring
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Graphing Linear Functions
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Solving Linear Inequalities
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Solving Two-Step Equations and Inequalities
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Fractions and Factoring
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Fractions and Factoring
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Working with Percents (2) Applications of Percents
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Fractions and Factoring
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Working with Percents (2) Applications of Percents
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Geometric Shapes: Scale Factors
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Scale Drawings and Models
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Inverse Operations

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MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Order of Operations
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Add and Subtract Polynomials
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Negative Whole-Number Exponents
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Order of Operations
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Using Exponent Rules
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Working with Exponents and Roots
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Add and Subtract Polynomials
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Multiply and Divide Polynomials
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Converting Between Units of Measure
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Order of Operations
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Converting Between Units of Measure
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Graphing Higher Power Functions
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Graphing Linear Functions
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Inverse Operations
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Multi-Step Word Problems (Rate)
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Multi-Step Word Problems (Work)
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Solving Linear Inequalities
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Solving Two-Step Equations and Inequalities
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	System of Linear Inequalities
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Graphing Higher Power Functions
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Graphing Linear Functions

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MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Multi-Step Word Problems (Rate)
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Multi-Step Word Problems (Work)
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Parallel Lines
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Solutions of Linear Equations
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Solving Two-Step Equations and Inequalities
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Graphing Higher Power Functions
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Graphing Linear Functions
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Multi-Step Word Problems (Rate)
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Multi-Step Word Problems (Work)
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Parallel Lines
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Solutions of Linear Equations
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Solving Two-Step Equations and Inequalities
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Inverse Operations
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Solving Linear Inequalities
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	System of Equations
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	System of Linear Inequalities
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Graphing Linear Functions

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MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Writing Mathematical Statements
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Graphing Linear Functions
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Parallel Lines
MA.9-12.A1.6.E	Describe the correlation of data in scatterplots in terms of strong or weak and positive or negative.	Estimation (2)
MA.9-12.A1.6.E	Describe the correlation of data in scatterplots in terms of strong or weak and positive or negative.	Evaluating Statistical Claims
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Converting Between Units of Measure
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Inverse Operations
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Fractions and Factoring
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Converting Between Units of Measure
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Fractions and Factoring
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (2) Applications of Percents
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Analyzing Problems
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Fractions and Factoring
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (1) Increase and Decrease
MA.9-12.A1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (2) Applications of Percents
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive and Deductive Reasoning
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Making Conjectures

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Grade: Geometry		
Section	Description	Lesson Title
MA.9-12.G.1.A	Distinguish between inductive and deductive reasoning.	Inductive and Deductive Reasoning
MA.9-12.G.1.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Inductive and Deductive Reasoning
MA.9-12.G.1.C	Use deductive reasoning to prove that a valid geometric statement is true.	Inductive and Deductive Reasoning
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Pythagorean Theorem
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Coordinate Graphs
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Parallel Lines
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Transformations and Congruent Figures
MA.9-12.G.5.B	Determine and apply properties of transformations.	Transformations and Congruent Figures
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Coordinate Graphs
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Transformations and Congruent Figures
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Transformations and Congruent Figures
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Complex 3D Objects
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Surface Area and Volume: 3D Figures
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Complex 3D Objects
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Surface Area and Volume: 3D Figures
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Complex 2D Objects
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Complex 3D Objects
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Perimeter and Area: 2D Figures

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MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Surface Area and Volume: 3D Figures
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Converting Between Units of Measure
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Measurement Systems
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Converting Between Units of Measure
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Fractions and Factoring
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Working with Percents (1) Increase and Decrease
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Working with Percents (2) Applications of Percents
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Analyzing Problems
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Fractions and Factoring
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.G.7.B	Select and apply strategies to solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Converting Between Units of Measure
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Fractions and Factoring
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (1) Increase and Decrease
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (2) Applications of Percents
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Analyzing Problems
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Fractions and Factoring

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MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (1) Increase and Decrease
MA.9-12.G.7.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (2) Applications of Percents
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive and Deductive Reasoning
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Making Conjectures
Grade:	Algebra 2	
Section	Description	Lesson Title
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Converting Between Units of Measure
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Fractions and Factoring
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Inverse Operations
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Fractions and Factoring
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	System of Equations
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Fractions and Factoring
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Fractions and Factoring
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Working with Percents (2) Applications of Percents
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Fractions and Factoring
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Working with Percents (1) Increase and Decrease
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Working with Percents (2) Applications of Percents
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Fractions and Factoring
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Working with Percents (1) Increase and Decrease

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MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Working with Percents (2) Applications of Percents
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Add and Subtract Polynomials
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Negative Whole-Number Exponents
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Order of Operations
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Add and Subtract Polynomials
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Converting Between Units of Measure
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Order of Operations
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Graphing Higher Power Functions
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Inverse Operations
MA.9-12.A2.4.C	Solve exponential and logarithmic equations.	Converting Between Units of Measure
MA.9-12.A2.4.C	Solve exponential and logarithmic equations.	Inverse Operations
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Converting Between Units of Measure
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Converting Between Units of Measure
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Converting Between Units of Measure
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Outcomes
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Representing Probabilities
MA.9-12.A2.6.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Outcomes
MA.9-12.A2.6.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Representing Probabilities
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Independent and Dependent Variables
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Representing Probabilities

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MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Fractions and Factoring
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Representing Probabilities
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.6.D	Apply the binomial theorem to solve problems involving probability.	Working with Percents (2) Applications of Percents
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	System of Equations
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Analyzing Problems
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Fractions and Factoring
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.8.B	Select and apply strategies to solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Converting Between Units of Measure
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Fractions and Factoring
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (2) Applications of Percents
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Analyzing Problems
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Fractions and Factoring
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (1) Increase and Decrease
MA.9-12.A2.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (2) Applications of Percents
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive and Deductive Reasoning
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Making Conjectures
Grade:	Mathematics 1	
Section	Description	Lesson Title
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Converting Between Units of Measure
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Fractions and Factoring
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Inverse Operations

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MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Fractions and Factoring
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Graphing Linear Functions
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Solving Linear Inequalities
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Solving Two-Step Equations and Inequalities
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Fractions and Factoring
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	System of Equations
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Fractions and Factoring
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Working with Percents (1) Increase and Decrease
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Working with Percents (2) Applications of Percents
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Converting Between Units of Measure
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Order of Operations
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Converting Between Units of Measure
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Converting Between Units of Measure
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Graphing Higher Power Functions
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Graphing Linear Functions
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Inverse Operations
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Multi-Step Word Problems (Rate)
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Multi-Step Word Problems (Work)
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Solving Linear Inequalities
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Solving Two-Step Equations and Inequalities
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	System of Linear Inequalities

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Washington - Mathematics - Grades 9-12

MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Graphing Linear Functions
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Graphing Higher Power Functions
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Graphing Linear Functions
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Multi-Step Word Problems (Rate)
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Multi-Step Word Problems (Work)
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Parallel Lines
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Solutions of Linear Equations
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Solving Two-Step Equations and Inequalities
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Graphing Higher Power Functions
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Graphing Linear Functions
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Multi-Step Word Problems (Rate)
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Multi-Step Word Problems (Work)
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Parallel Lines
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Solutions of Linear Equations
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Solving Two-Step Equations and Inequalities

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MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Inverse Operations
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Solving Linear Inequalities
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	System of Equations
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	System of Linear Inequalities
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Graphing Linear Functions
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Parallel Lines
MA.9-12.M1.3.G	Describe the correlation of data in scatterplots in terms of strong or weak and positive or negative.	Estimation (2)
MA.9-12.M1.3.G	Describe the correlation of data in scatterplots in terms of strong or weak and positive or negative.	Evaluating Statistical Claims
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Parallel Lines
MA.9-12.M1.4.A	Distinguish between inductive and deductive reasoning.	Inductive and Deductive Reasoning
MA.9-12.M1.4.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Inductive and Deductive Reasoning
MA.9-12.M1.4.C	Use deductive reasoning to prove that a valid geometric statement is true.	Inductive and Deductive Reasoning
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Geometric Shapes: Scale Factors
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Scale Drawings and Models
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Inverse Operations
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Order of Operations
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Converting Between Units of Measure
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Inverse Operations
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Add and Subtract Polynomials

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MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Negative Whole-Number Exponents
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Order of Operations
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Using Exponent Rules
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Working with Exponents and Roots
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Analyzing Problems
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Fractions and Factoring
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M1.8.B	Select and apply strategies to solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Converting Between Units of Measure
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Fractions and Factoring
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (1) Increase and Decrease
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (2) Applications of Percents
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Analyzing Problems
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Fractions and Factoring
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M1.8.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (2) Applications of Percents
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive and Deductive Reasoning
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Making Conjectures
Grade: Mathematics 2		
Section	Description	Lesson Title
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Converting Between Units of Measure
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Fractions and Factoring
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Inverse Operations

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MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Fractions and Factoring
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	System of Equations
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Fractions and Factoring
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Fractions and Factoring
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Working with Percents (2) Applications of Percents
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Fractions and Factoring
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Working with Percents (2) Applications of Percents
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Graphing Higher Power Functions
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Inverse Operations
MA.9-12.M2.3.A	Use deductive reasoning to prove that a valid geometric statement is true.	Inductive and Deductive Reasoning
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Pythagorean Theorem
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Outcomes
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Representing Probabilities
MA.9-12.M2.4.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Outcomes
MA.9-12.M2.4.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Representing Probabilities

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MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Independent and Dependent Variables
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Representing Probabilities
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Fractions and Factoring
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Representing Probabilities
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.4.D	Apply the binomial theorem to solve problems involving probability.	Working with Percents (2) Applications of Percents
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Converting Between Units of Measure
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Measurement Systems
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Converting Between Units of Measure
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Fractions and Factoring
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Working with Percents (2) Applications of Percents
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Analyzing Problems
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Fractions and Factoring
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.6.B	Select and apply strategies to solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Converting Between Units of Measure
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Fractions and Factoring
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (1) Increase and Decrease

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MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (2) Applications of Percents
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Analyzing Problems
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Fractions and Factoring
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M2.6.D	Generalize a solution strategy for a single problem to a class of related problems, and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (2) Applications of Percents
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive and Deductive Reasoning
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Making Conjectures
Grade:	Mathematics 3	
Section	Description	Lesson Title
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Converting Between Units of Measure
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Fractions and Factoring
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Inverse Operations
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Fractions and Factoring
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	System of Equations
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Fractions and Factoring
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Working with Percents (2) Applications of Percents
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Fractions and Factoring
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Working with Percents (2) Applications of Percents
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx+c)$.	Fractions and Factoring

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MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx+c)$.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx+c)$.	Working with Percents (2) Applications of Percents
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Transformations and Congruent Figures
MA.9-12.M3.2.B	Determine and apply properties of transformations.	Transformations and Congruent Figures
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Coordinate Graphs
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Transformations and Congruent Figures
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Transformations and Congruent Figures
MA.9-12.M3.3.C	Solve exponential and logarithmic equations.	Converting Between Units of Measure
MA.9-12.M3.3.C	Solve exponential and logarithmic equations.	Inverse Operations
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a \sqrt{x - c} + d$, and solve related equations.	Converting Between Units of Measure
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Converting Between Units of Measure
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Converting Between Units of Measure
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	System of Equations
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Coordinate Graphs
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Complex 3D Objects
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Surface Area and Volume: 3D Figures
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Complex 2D Objects
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Complex 3D Objects
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Perimeter and Area: 2D Figures

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MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Surface Area and Volume: 3D Figures
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Complex 3D Objects
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Surface Area and Volume: 3D Figures
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Add and Subtract Polynomials
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Negative Whole-Number Exponents
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Order of Operations
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Add and Subtract Polynomials
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Multiply and Divide Polynomials
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Add and Subtract Polynomials
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Converting Between Units of Measure
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Order of Operations
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Fractions and Factoring
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Working with Percents (2) Applications of Percents
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Converting Between Units of Measure
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Fractions and Factoring
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Working with Percents (2) Applications of Percents
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Analyzing Problems
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Fractions and Factoring
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (1) Increase and Decrease
MA.9-12.M3.8.D	Generalize a solution strategy for a single problem to a class of related problems and apply a strategy for a class of related problems to solve specific problems.	Working with Percents (2) Applications of Percents

Alignment Report for Essentials of Mathematics**Washington - Mathematics - Grades 9-12**

MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive and Deductive Reasoning
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Making Conjectures

**Alignment Report for Geometry
Washington - Mathematics - Grades 9-12**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Mathematics
Grade:	Grades: 9-10

Section	Description	Lesson Title
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Ordered Pairs: Points in a Plane
MA.9-10.1.1.4.a	Explain, illustrate, or describe examples of inverse proportion.	Algebra Properties and Proportions
MA.9-10.1.1.4.a	Explain, illustrate, or describe examples of inverse proportion.	Properties of Proportions
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Relationship Definitions
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Algebra Properties and Proportions
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Properties of Proportions
MA.9-10.1.1.5.a	Compute using scientific notation.	Equations of Lines
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Equations of Lines
MA.9-10.1.1.6.c	Apply strategies to complete multi-step computations fluently.	Equations of Lines
MA.9-10.1.1.8.c	Describe a strategy used for estimation using multi-step computations.	Equations of Lines
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Algebra Properties and Proportions
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Area and Volume
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Circles: Area of Circles
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Circles: Area of Sectors
MA.9-10.1.2.1.a	Determine and/or describe the impact of a change in two linear dimensions on perimeter, area, surface area, and/or volume.	Properties of Proportions
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Area and Volume
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Circles: Area of Circles
MA.9-10.1.2.1.b	Describe how changes in one or more linear dimensions affect perimeter, area, and/or volume in real world situations.	Circles: Area of Sectors
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Area and Volume

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MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Circles: Area of Circles
MA.9-10.1.2.1.c	Determine the change in one or more linear dimensions given a change in perimeter, area, surface area, and/or volume.	Circles: Area of Sectors
MA.9-10.1.2.5.a	Use formulas to determine and label the volume of a compound figure.	Area and Volume
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Area and Volume
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Solids: Cones
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Solids: Cylinders
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Solids: Prisms
MA.9-10.1.2.5.b	Use formulas to determine and label the surface area of a compound figure.	Solids: Pyramids
MA.9-10.1.2.6.d	Select and use a procedure to find a reasonable estimate for and label the volumes of prisms and cylinders.	Area and Volume
MA.9-10.1.2.6.d	Select and use a procedure to find a reasonable estimate for and label the volumes of prisms and cylinders.	Solids: Cylinders
MA.9-10.1.3.1.a	Make and test conjectures about 2-dimensional and 3-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models.	Isosceles Triangles (1)
MA.9-10.1.3.1.a	Make and test conjectures about 2-dimensional and 3-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models.	Isosceles Triangles (2)
MA.9-10.1.3.1.b	Use the relationship between similar figures to determine the scale factor.	Dilation: Congruence and Similarity
MA.9-10.1.3.1.b	Use the relationship between similar figures to determine the scale factor.	Meaning of Similarity
MA.9-10.1.3.1.b	Use the relationship between similar figures to determine the scale factor.	Meaning of Similarity-Proofs
MA.9-10.1.3.1.b	Use the relationship between similar figures to determine the scale factor.	Meaning of Similarity-Theorems
MA.9-10.1.3.1.b	Use the relationship between similar figures to determine the scale factor.	Similar Polygons
MA.9-10.1.3.1.b	Use the relationship between similar figures to determine the scale factor.	Similar Right Triangles
MA.9-10.1.3.1.b	Use the relationship between similar figures to determine the scale factor.	Theorems-Similar Polygons
MA.9-10.1.3.1.c	Match or draw a 3-dimensional figure that could be formed by folding a given net.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.2.a	Match or draw 3-dimensional objects from different views using the same properties and relationships.	Isosceles Triangles (1)
MA.9-10.1.3.2.a	Match or draw 3-dimensional objects from different views using the same properties and relationships.	Isosceles Triangles (2)
MA.9-10.1.3.2.a	Match or draw 3-dimensional objects from different views using the same properties and relationships.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.2.b	Sort, classify, and label prisms, cylinders, cones, and pyramids.	Solids: Cones

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MA.9-10.1.3.2.b	Sort, classify, and label prisms, cylinders, cones, and pyramids.	Solids: Cylinders
MA.9-10.1.3.2.b	Sort, classify, and label prisms, cylinders, cones, and pyramids.	Solids: Pyramids
MA.9-10.1.3.2.b	Sort, classify, and label prisms, cylinders, cones, and pyramids.	Using Triangles: Regular Square Pyramid
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Geometry Undefined Terms: Point
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Other Polygons
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Parallelograms: Rectangles
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Quadrilateral Parallelograms Theorems Part1
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Quadrilateral Parallelograms Theorems Part2
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Using Triangles: Rectangular Solids
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Angle Relationship Theorems (2)
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction of Triangles 30-60-90
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction of Triangles 45-45-90
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: 4th Proportion
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Bisecting Figures
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Circles
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Copying Figures
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Dividing a Segment
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Geometric Mean

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MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Parallels
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Perpendiculars
MA.9-10.1.3.2.d	Construct geometric figures, including angle bisectors, perpendicular bisectors, and triangles given specific characteristic, using a variety of tools and technologies.	Construction: Tangents to Circle
MA.9-10.1.3.2.e	Given a set of characteristics, draw a plane figure and justifies the drawing.	Geometric Theorems
MA.9-10.1.3.2.e	Given a set of characteristics, draw a plane figure and justifies the drawing.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.2.f	Create a three-dimensional scale drawing with particular geometric properties.	Isosceles Triangles (1)
MA.9-10.1.3.2.f	Create a three-dimensional scale drawing with particular geometric properties.	Isosceles Triangles (2)
MA.9-10.1.3.2.f	Create a three-dimensional scale drawing with particular geometric properties.	Project: Model and Scale Drawing
MA.9-10.1.3.2.g	Use properties of triangles and special right triangles in situations.	Isosceles Triangles (1)
MA.9-10.1.3.2.g	Use properties of triangles and special right triangles in situations.	Isosceles Triangles (2)
MA.9-10.1.3.2.g	Use properties of triangles and special right triangles in situations.	Theorems-Special Segments in Triangles
MA.9-10.1.3.3.a	Determine geometric properties of two-dimensional objects using coordinates on a grid.	Figures in the Coordinate Plane
MA.9-10.1.3.3.a	Determine geometric properties of two-dimensional objects using coordinates on a grid.	Isosceles Triangles (1)
MA.9-10.1.3.3.a	Determine geometric properties of two-dimensional objects using coordinates on a grid.	Isosceles Triangles (2)
MA.9-10.1.3.3.b	Determine the location of a set of points that satisfy given conditions.	Isosceles Triangles (1)
MA.9-10.1.3.3.b	Determine the location of a set of points that satisfy given conditions.	Isosceles Triangles (2)
MA.9-10.1.3.3.b	Determine the location of a set of points that satisfy given conditions.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.3.d	Use tools and technology to draw objects on a coordinate grid based on given properties.	Figures in the Coordinate Plane
MA.9-10.1.3.3.d	Use tools and technology to draw objects on a coordinate grid based on given properties.	Isosceles Triangles (1)
MA.9-10.1.3.3.d	Use tools and technology to draw objects on a coordinate grid based on given properties.	Isosceles Triangles (2)
MA.9-10.1.3.3.d	Use tools and technology to draw objects on a coordinate grid based on given properties.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.3.e	Write ordered pairs to describe the locations of points or objects on a coordinate grid.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Congruent Triangles and Quadrilaterals
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Introduction: Rigid Motion, or Isometry
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Inverse and Identity Transformation

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MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Isometry: Reflection
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Isometry: Rotation
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Isometry: Translation
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Product Transformation
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Dilation: Congruence and Similarity
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Introduction: Rigid Motion, or Isometry
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Meaning of Similarity
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Meaning of Similarity-Proofs
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Meaning of Similarity-Theorems
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Similar Polygons
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Similar Right Triangles
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Theorems-Similar Polygons
MA.9-10.1.3.4.c	Determine the final coordinates of a point after multiple transformations.	Defined Terms: Definitions
MA.9-10.1.3.4.c	Determine the final coordinates of a point after multiple transformations.	Geometry Undefined Terms: Point
MA.9-10.1.3.4.c	Determine the final coordinates of a point after multiple transformations.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Introduction: Rigid Motion, or Isometry
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Isometry: Reflection
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Isometry: Rotation
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Isometry: Translation
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Product Transformation
MA.9-10.1.3.4.e	Determine rotational symmetry of a figure.	Construction: Parallels
MA.9-10.1.3.4.e	Determine rotational symmetry of a figure.	Construction: Polygons
MA.9-10.1.4.6.d	Use a set of statistics to develop a logical point of view.	Conjunctions
MA.9-10.1.4.6.d	Use a set of statistics to develop a logical point of view.	Disjunctions
MA.9-10.1.5.2.a	Determine an equation of a line from a set of ordered pairs.	Isosceles Triangles (1)
MA.9-10.1.5.2.a	Determine an equation of a line from a set of ordered pairs.	Isosceles Triangles (2)
MA.9-10.1.5.2.a	Determine an equation of a line from a set of ordered pairs.	Parallelograms: Rectangles
MA.9-10.1.5.2.a	Determine an equation of a line from a set of ordered pairs.	Quadrilateral Parallelograms Theorems Part1
MA.9-10.1.5.2.a	Determine an equation of a line from a set of ordered pairs.	Quadrilateral Parallelograms Theorems Part2
MA.9-10.1.5.2.a	Determine an equation of a line from a set of ordered pairs.	Trapezoids-Definitions and Proofs
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Review of Algebraic Postulates
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Angle Definitions

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MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Angle Measurement
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Angle Relationship Theorems (2)
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Circles: Area of Segments
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Special Angles Type 2
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Special Angles Type 3
MA.9-10.2.2.2.b	Determine whether a given solution shows use of concepts and procedures that are appropriate.	Special Segments
MA.9-10.3.1.1.a	Analyze mathematical information or results.	Conjunctions
MA.9-10.3.1.1.a	Analyze mathematical information or results.	Disjunctions
MA.9-10.3.1.1.e	Analyze information to make a conjecture.	Conjunctions
MA.9-10.3.1.1.e	Analyze information to make a conjecture.	Disjunctions
MA.9-10.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate mathematical data or facts.	Deductive Reasoning
MA.9-10.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate mathematical data or facts.	Geometric Theorems
MA.9-10.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate mathematical data or facts.	Inductive Reasoning
MA.9-10.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate mathematical data or facts.	Using Deductive Reasoning
MA.9-10.3.2.2.b	Evaluate a conclusion based on given information and/or procedures used and describes a revision as needed.	Geometric Theorems
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Deductive Reasoning
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Geometric Theorems
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Inductive Reasoning
MA.9-10.3.3.1.a	Justify results using evidence and information from the problem situation and/or known facts, patterns, relationships, and proportional reasoning.	Using Deductive Reasoning
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Geometric Theorems
MA.9-10.3.3.2.b	Verify that the solution to a real-world problem makes sense in relation to the situation.	Relationship Definitions
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Geometric Theorems
MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Ordered Pairs: Points in a Plane

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MA.9-10.4.2.2.a	Represent mathematical information using pictures, tables, Venn diagrams, scatter plots, 2- or 3-dimensional drawings, or other appropriate including title, labels, appropriate and consistent scales, and accurate display of data.	Project: Model and Scale Drawing
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Angle Definitions
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Angle Measurement
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Angle Relationship Theorems (2)
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Circles: Area of Segments
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Special Angles Type 2
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Special Angles Type 3
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Special Segments
MA.9-10.5.1.2.b	Create a model or representation that is equivalent to a given graphical, numerical, pictorial, geometric, and/or written model or representation.	Graphs of Algebraic Sentences
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Relationship Definitions
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Section	Description	Lesson Title
MA.11-12.1.1.1.d	Explain the meaning of real numbers with rational exponents and provides examples.	Review of Properties of Algebra
MA.11-12.1.1.2.a	Compare and order real numbers without a calculator using relationships between integers, and the effects of radicals and rational exponents on those relationships.	Ordered Pairs: Points in a Plane
MA.11-12.1.1.2.a	Compare and order real numbers without a calculator using relationships between integers, and the effects of radicals and rational exponents on those relationships.	Review of Properties of Algebra
MA.11-12.1.1.5.b	Find the absolute value of numbers.	Equations of Lines
MA.11-12.1.1.5.c	Find the integral or simple fractional powers of rational numbers.	Ordered Pairs: Points in a Plane
MA.11-12.1.1.6.a	Compute using rational numbers.	Equations of Lines
MA.11-12.1.1.6.b	Compute using scientific notation.	Equations of Lines
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Equations of Lines
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Equations of Lines
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Review of Algebraic Postulates
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Review of Properties of Algebra

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MA.11-12.1.1.7.b	Describe strategies for mentally solving problems using involving real numbers.	Review of Properties of Algebra
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Review of Properties of Algebra
MA.11-12.1.1.8.b	Use estimation to predict or verify the reasonableness of calculated results.	Equations of Lines
MA.11-12.1.1.8.b	Use estimation to predict or verify the reasonableness of calculated results.	Review of Properties of Algebra
MA.11-12.1.1.8.c	Estimate square roots or cube roots of numbers less than 1,000 between two whole numbers.	Review of Properties of Algebra
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Angle Measurement
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Angle Relationship Theorems (2)
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Trigonometry-Cosine Ratio
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Trigonometry-Sine Ratio
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Trigonometry-Tangent Ratio
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Angle Measurement
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Angle Relationship Theorems (2)
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Isosceles Triangles (1)
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Isosceles Triangles (2)
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Trigonometry-Cosine Ratio
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Trigonometry-Sine Ratio
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Trigonometry-Tangent Ratio
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Using Similar Triangles in Indirect Measure
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Angle Measurement
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Angle Relationship Theorems (2)
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Circles: Area of Circles
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Circles: Area of Sectors
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Circles: Area of Segments

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MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Classifying Triangle by Sides and Angles
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Theorem about 30-60-90 Right Triangles
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Theorem about 45-45-90 Right Triangles
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Trigonometry-Cosine Ratio
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Trigonometry-Sine Ratio
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Trigonometry-Tangent Ratio
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Angle Measurement
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Angle Relationship Theorems (2)
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Proofs Involving Triangles
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Angle Relationship Theorems (1)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Angle Relationships and Parallels
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Arcs
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Circles
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Circles: Area of Circles
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Circles: Area of Sectors
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Continued Proofs: Transversals and Special Angles
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Defining Congruent Triangles

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MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Geometry Undefined Terms: Plane
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Independent Triangles (1)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Independent Triangles (2)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Isosceles Triangles (1)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Isosceles Triangles (2)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Meaning of Similarity-Proofs
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	More Proofs for Postulates 9 and 10
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	More Proofs: Transversals and Special Angles
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Overlapping Triangles (1)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Overlapping Triangles (2)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Parallel and Perpendicular Lines
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Parallelograms: Rectangles
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Proving Right Triangles Congruent

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MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Proving Triangles Congruent (1)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Proving Triangles Congruent (2)
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Quadrilateral Parallelograms Theorems Part1
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Quadrilateral Parallelograms Theorems Part2
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Relationship Definitions
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Transversals and Special Angles
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Trapezoids-Definitions and Proofs
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Using Similar Triangles in Indirect Measure
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Arcs
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Characteristics of Spheres
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Circles
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Circles: Area of Circles
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Circles: Area of Sectors
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Isosceles Triangles (1)
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Isosceles Triangles (2)
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Solids: Spheres
MA.11-12.1.3.2.a	Inductively generate a conjecture and deductively support it.	Deductive Reasoning
MA.11-12.1.3.2.a	Inductively generate a conjecture and deductively support it.	Geometric Theorems
MA.11-12.1.3.2.a	Inductively generate a conjecture and deductively support it.	Inductive Reasoning
MA.11-12.1.3.2.a	Inductively generate a conjecture and deductively support it.	Using Deductive Reasoning
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Algebra Properties and Proportions
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Algebra and Ratios

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MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Circles: Area of Circles
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Circles: Area of Sectors
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Circles: Area of Segments
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Geometric Theorems
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Inverse and Identity Transformation
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Meaning of Similarity
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Meaning of Similarity-Proofs
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Meaning of Similarity-Theorems
MA.11-12.1.3.2.b	Apply and justify the applicability of transformations, congruence, similarity, ratios, and proportions in problem-solving situations.	Properties of Proportions
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Area Comparison of Polygons
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Area Concepts of Polygons
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Area of Parallelograms
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Area of Regular Polygons
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Area of Trapezoids
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Arcs
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Area of Rectangles
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Area of Trapezoids
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Area of Triangles and Rhombuses
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Circles
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Circles: Area of Circles
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Circles: Area of Sectors
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Circles: Circumference and PI

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MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Other Polygons
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Parallelograms: Rectangles
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Quadrilateral Parallelograms Theorems Part1
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Quadrilateral Parallelograms Theorems Part2
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Trapezoids-Definitions and Proofs
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	Basic Properties of Parallels
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	Distance Formula
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	Geometry Undefined Terms: Point
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	Proofs Involving Triangles
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	The Pythagorean Theorem
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	Solids: Spheres
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Arcs
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Circles
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Circles: Area of Circles
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Circles: Area of Sectors
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Angle Relationships and Parallels
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Basic Properties of Parallels
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Circles: Area of Circles
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Circles: Area of Sectors
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Circles: Area of Segments
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Defined Terms: Definitions

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MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Geometry Undefined Terms: Point
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Ordered Pairs: Points in a Plane
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Parallel and Perpendicular Lines
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Relationship Definitions
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Slope
MA.11-12.1.3.3.e	Describe the relative location of objects based on their coordinates.	Construction: Parallels
MA.11-12.1.3.3.e	Describe the relative location of objects based on their coordinates.	Construction: Polygons
MA.11-12.1.5.1.e	Describe whether a relation, given verbal, symbolic, tabular, or graphical form is a function.	Graphs of Algebraic Sentences
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Isosceles Triangles (1)
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Isosceles Triangles (2)
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Parallelograms: Rectangles
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Quadrilateral Parallelograms Theorems Part1
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Quadrilateral Parallelograms Theorems Part2
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Trapezoids-Definitions and Proofs
MA.11-12.1.5.4.h	Find an equation of a circle given its center and radius and, given an equation of a circle, finds its center and radius.	Characteristics of Circles
MA.11-12.1.5.4.h	Find an equation of a circle given its center and radius and, given an equation of a circle, finds its center and radius.	Circles
MA.11-12.1.5.4.h	Find an equation of a circle given its center and radius and, given an equation of a circle, finds its center and radius.	Equation of a Circle
MA.11-12.1.5.5.c	Factor quadratic polynomials with integer coefficients into a product of linear terms.	Ordered Pairs: Points in a Plane
MA.11-12.2.2.4.d	Provide oral, written, and/or symbolic explanations of the reasoning used to obtain a solution.	Geometric Theorems
MA.11-12.2.2.4.e	Make and justify a multi-step mathematical argument providing appropriate evidence at each step.	Conjunctions
MA.11-12.2.2.4.e	Make and justify a multi-step mathematical argument providing appropriate evidence at each step.	Disjunctions
MA.11-12.2.2.4.f	Use a variety of approaches - inductive and deductive, estimations, generalizations, formal, and/or informal methods of proof - to justify solutions.	Geometric Theorems
MA.11-12.3.1.1.d	Identify and justify whether a result obtained from a function model has real world significance.	Geometric Theorems
MA.11-12.3.2	Conclude.	Conjunctions
MA.11-12.3.2	Conclude.	Disjunctions
MA.11-12.3.3	Verify results.	Geometric Theorems

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MA.11-12.4.2.3.b	Use appropriate details or evidence to support the explanation.	Geometric Theorems
MA.11-12.5.1.2.b	Describe geometric objects and shapes algebraically.	Circles
MA.11-12.5.1.2.b	Describe geometric objects and shapes algebraically.	Construction: Parallels
MA.11-12.5.1.2.b	Describe geometric objects and shapes algebraically.	Construction: Polygons
Subject:	Mathematics	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.b	Identify a real-life situation to match a particular number written in scientific or exponential notation and justify the answer.	Geometric Theorems
MA.9-10.1.1.4.a	Explain a method for determining whether a real-world problem involves direct proportion or inverse proportion.	Relationship Definitions
MA.9-10.1.1.4.b	Explain a method for solving a real-world problem involving direct proportion	Relationship Definitions
MA.9-10.1.1.4.c	Explain a method for solving a real-world problem involving inverse proportion.	Relationship Definitions
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Angle Definitions
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Angle Measurement
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Angle Relationship Theorems (2)
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Circles: Area of Segments
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Special Angles Type 2
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Special Angles Type 3
MA.9-10.1.1.4.g	Use direct or inverse proportion to determine a number of objects or a measurement in a given situation.	Special Segments
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Equations of Lines
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Review of Algebraic Postulates
MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Review of Properties of Algebra
MA.9-10.1.1.8.c	Justify why an estimate would be used rather than an exact answer in a given situation.	Geometric Theorems
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Algebra and Ratios
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Area and Volume
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Circles: Area of Circles
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Circles: Area of Sectors

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MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Algebra Properties and Proportions
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Algebra and Ratios
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area Comparison of Polygons
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area Concepts of Polygons
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area and Volume
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area of Parallelograms
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area of Rectangles
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area of Regular Polygons
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Area of Triangles and Rhombuses
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Circles: Area of Circles
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Circles: Area of Sectors
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Properties of Proportions
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	Relationship Definitions

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MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Algebra Properties and Proportions
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Algebra and Ratios
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Area Comparison of Polygons
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Area Concepts of Polygons
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Area and Volume
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Area of Parallelograms
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Area of Rectangles
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Area of Regular Polygons
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Area of Triangles and Rhombuses
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Circles: Area of Circles

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MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Circles: Area of Sectors
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Properties of Proportions
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Solids: Cones
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Solids: Cylinders
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Solids: Prisms
MA.9-10.1.2.1.c	Solve problems by deriving the changes in two dimensions necessary to obtain a desired surface area and/or volume (e.g., given a box with certain dimensions, make the volume of the box y cubic units by changing two dimensions of the box).	Solids: Pyramids
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Area and Volume
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Circles: Area of Circles
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Circles: Area of Sectors
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Solids: Cones
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Solids: Cylinders
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Solids: Prisms
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	Solids: Pyramids
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Algebra Properties and Proportions
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Algebra and Ratios
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area Comparison of Polygons
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area Concepts of Polygons
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area and Volume

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MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area of Parallelograms
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area of Rectangles
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area of Regular Polygons
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Area of Triangles and Rhombuses
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Circles: Area of Circles
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Circles: Area of Sectors
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Properties of Proportions
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Solids: Cones
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Solids: Cylinders
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Solids: Prisms
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Solids: Pyramids
MA.9-10.1.2.5.a	Explain how to use a formula for finding the volume of a prism or cylinder.	Solids: Cylinders
MA.9-10.1.2.5.b	Use a formula to find the volume of a prism or cylinder.	Solids: Cylinders
MA.9-10.1.2.5.c	Use a formula to derive a dimension of a right prism or right cylinder given other measures.	Solids: Prisms
MA.9-10.1.2.5.d	Use formulas to describe and compare the surface areas and volumes of two or more right prisms and/or right cylinders.	Solids: Cylinders
MA.9-10.1.2.5.d	Use formulas to describe and compare the surface areas and volumes of two or more right prisms and/or right cylinders.	Solids: Prisms
MA.9-10.1.2.5.e	Use formulas to obtain measurements needed to describe a right cylinder or right prism.	Solids: Prisms
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Area and Volume
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Solids: Cones
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Solids: Cylinders
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Solids: Pyramids
MA.9-10.1.2.6.e	Apply a process that can be used to find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Using Triangles: Regular Square Pyramid
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Area and Volume
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Solids: Prisms

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MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Angle Definitions
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Defined Terms: Definitions
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Geometry Undefined Terms: Line
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Geometry Undefined Terms: Plane
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Geometry Undefined Terms: Point
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Isosceles Triangles (1)
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Isosceles Triangles (2)
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Ordered Pairs: Points in a Plane
MA.9-10.1.3.1.b	Match or draw three-dimensional objects from different perspectives using the same properties and relationships (e.g., match to the correct net, draw the top view).	Isosceles Triangles (1)
MA.9-10.1.3.1.b	Match or draw three-dimensional objects from different perspectives using the same properties and relationships (e.g., match to the correct net, draw the top view).	Isosceles Triangles (2)
MA.9-10.1.3.1.c	Draw and label with names and symbols nets of right prisms and right cylinders.	Solids: Prisms
MA.9-10.1.3.1.d	Describe everyday objects in terms of their geometric characteristics.	Isosceles Triangles (1)
MA.9-10.1.3.1.d	Describe everyday objects in terms of their geometric characteristics.	Isosceles Triangles (2)
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Algebra Properties and Proportions
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Algebra and Ratios
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Area Comparison of Polygons
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Area Concepts of Polygons
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Area of Parallelograms
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Area of Rectangles
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Area of Regular Polygons
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Area of Trapezoids
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Area of Triangles and Rhombuses

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MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Isosceles Triangles (1)
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Isosceles Triangles (2)
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Properties of Proportions
MA.9-10.1.3.1.f	Make and test conjectures about twodimensional and three-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape?).	Other Polygons
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Algebra and Ratios
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Area Comparison of Polygons
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Area Concepts of Polygons
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Area of Parallelograms
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Area of Rectangles
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Area of Regular Polygons
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Area of Trapezoids
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Area of Triangles and Rhombuses
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Basic Properties of Parallels
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Isosceles Triangles (1)
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Isosceles Triangles (2)
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Angle Relationship Theorems (2)
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction of Triangles 30-60-90
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction of Triangles 45-45-90

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MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: 4th Proportion
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Bisecting Figures
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Circles
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Copying Figures
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Dividing a Segment
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Geometric Mean
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Parallels
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Perpendiculars
MA.9-10.1.3.2.b	Construct geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Tangents to Circle
MA.9-10.1.3.2.c	Draw a plane shape and justify the answer given a set of characteristics.	Geometric Theorems
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Angle Relationships and Parallels
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Area of Trapezoids
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Circles: Area of Circles
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Circles: Area of Sectors
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Circles: Area of Segments

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MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Continued Proofs: Transversals and Special Angles
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Dilation: Congruence and Similarity
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Exterior/Remote Interior Angles of Triangle
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Isosceles Triangles (1)
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Isosceles Triangles (2)
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Meaning of Similarity
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Meaning of Similarity-Proofs
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Meaning of Similarity-Theorems
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	More Proofs for Postulates 9 and 10
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	More Proofs: Transversals and Special Angles

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MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Similar Right Triangles
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Transversals and Special Angles
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Using Similar Triangles in Indirect Measure
MA.9-10.1.3.2.e	Compare two-dimensional and threedimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Using Triangles: Rectangular Solids
MA.9-10.1.3.2.g	Create a three-dimensional scale drawing with particular geometric characteristics.	Project: Model and Scale Drawing
MA.9-10.1.3.3.c	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	Defined Terms: Definitions
MA.9-10.1.3.3.c	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	Geometry Undefined Terms: Point
MA.9-10.1.3.3.c	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	Ordered Pairs: Points in a Plane
MA.9-10.1.3.3.f	Identify, interpret, and use the meaning of slope of a line as a rate of change using physical, symbolic, and technological models.	Equations of Lines
MA.9-10.1.3.3.f	Identify, interpret, and use the meaning of slope of a line as a rate of change using physical, symbolic, and technological models.	Slope
MA.9-10.1.3.4.a	Apply multiple transformations to create congruent and similar figures in any or all of the four quadrants.	Congruent Triangles and Quadrilaterals
MA.9-10.1.3.4.a	Apply multiple transformations to create congruent and similar figures in any or all of the four quadrants.	Figures in the Coordinate Plane
MA.9-10.1.3.4.a	Apply multiple transformations to create congruent and similar figures in any or all of the four quadrants.	Inverse and Identity Transformation
MA.9-10.1.3.4.a	Apply multiple transformations to create congruent and similar figures in any or all of the four quadrants.	Similar Polygons
MA.9-10.1.3.4.a	Apply multiple transformations to create congruent and similar figures in any or all of the four quadrants.	Theorems-Similar Polygons
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Introduction: Rigid Motion, or Isometry
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Inverse and Identity Transformation
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Isometry: Reflection
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Isometry: Rotation

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MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Isometry: Translation
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Product Transformation
MA.9-10.1.3.4.c	Use dilation (expansion or contraction) of a given shape to form a similar shape.	Dilation: Congruence and Similarity
MA.9-10.1.3.4.c	Use dilation (expansion or contraction) of a given shape to form a similar shape.	Introduction: Rigid Motion, or Isometry
MA.9-10.1.3.4.e	Examine figures to determine rotational symmetry about the center of the shape.	Construction: Parallels
MA.9-10.1.3.4.e	Examine figures to determine rotational symmetry about the center of the shape.	Construction: Polygons
MA.9-10.1.3.4.f	Define a set of transformations that would map one onto the other given two similar shapes.	Inverse and Identity Transformation
MA.9-10.1.3.4.g	Create a design with or without technology using a combination of two or more transformations with one or two two-dimensional figures.	Construction: Parallels
MA.9-10.1.3.4.g	Create a design with or without technology using a combination of two or more transformations with one or two two-dimensional figures.	Construction: Polygons
MA.9-10.1.3.4.g	Create a design with or without technology using a combination of two or more transformations with one or two two-dimensional figures.	Inverse and Identity Transformation
MA.9-10.1.4.5.e	Determine whether an equation for a line is appropriate for a given set of data and support the judgment with data.	Geometric Theorems
MA.9-10.1.5.2.d	Write an equation for a line given a set of information (e.g., two points, point-slope, etc.).	Equations of Lines
MA.9-10.1.5.2.d	Write an equation for a line given a set of information (e.g., two points, point-slope, etc.).	Slope
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Graphs of Algebraic Sentences
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Relationship Definitions
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Graphs of Algebraic Sentences
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Review of Algebraic Postulates
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Review of Properties of Algebra
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Relationship Definitions
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Relationship Definitions
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Area of Trapezoids

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MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Circles: Area of Circles
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Circles: Area of Sectors
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Circles: Area of Segments
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Continued Proofs: Transversals and Special Angles
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Dilation: Congruence and Similarity
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Exterior/Remote Interior Angles of Triangle
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Isosceles Triangles (1)
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Isosceles Triangles (2)
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Meaning of Similarity
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Meaning of Similarity-Proofs

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MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Meaning of Similarity-Theorems
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	More Proofs for Postulates 9 and 10
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	More Proofs: Transversals and Special Angles
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Similar Right Triangles
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Transversals and Special Angles
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Using Similar Triangles in Indirect Measure
MA.9-10.3.2.1.a	Make and test conjectures about twodimensional and three-dimensional figures and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape).	Other Polygons
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Circles: Area of Circles
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Circles: Area of Sectors
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Solids: Cones
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Solids: Cylinders
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Algebra and Ratios
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Area Comparison of Polygons

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MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Area Concepts of Polygons
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Area of Parallelograms
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Area of Rectangles
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Area of Regular Polygons
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Area of Trapezoids
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Area of Triangles and Rhombuses
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Dilation: Congruence and Similarity
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Isosceles Triangles (1)
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Isosceles Triangles (2)
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Meaning of Similarity
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Meaning of Similarity-Proofs
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Meaning of Similarity-Theorems
MA.9-10.3.3.1.a	Compare and contrast similar twodimensional figures and shapes using properties of two-dimensional figures and shapes.	Similar Right Triangles
MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Area and Volume
MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Solids: Cones
MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Solids: Cylinders
MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Solids: Pyramids
MA.9-10.3.3.1.b	Find a reasonable estimate for the volume of prisms, pyramids, cylinders, and cones.	Using Triangles: Regular Square Pyramid
MA.9-10.4.2.2.b	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	Defined Terms: Definitions

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MA.9-10.4.2.2.b	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	Geometry Undefined Terms: Point
MA.9-10.4.2.2.b	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	Ordered Pairs: Points in a Plane
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Algebra Properties and Proportions
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Algebra and Ratios
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Area Comparison of Polygons
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Area Concepts of Polygons
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Area and Volume
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Area of Parallelograms
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Area of Rectangles
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Area of Regular Polygons
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Area of Triangles and Rhombuses
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Circles: Area of Circles
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Circles: Area of Sectors
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	Properties of Proportions
MA.9-10.5.1.2.a	Identify, interpret, and use the meaning of slope of a line as a rate of change using concrete, symbolic, and technological models.	Equations of Lines
MA.9-10.5.1.2.a	Identify, interpret, and use the meaning of slope of a line as a rate of change using concrete, symbolic, and technological models.	Slope
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Angle Relationship Theorems (2)

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MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction of Triangles 30-60-90
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction of Triangles 45-45-90
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: 4th Proportion
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Bisecting Figures
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Circles
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Copying Figures
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Dividing a Segment
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Geometric Mean
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Parallels
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Perpendiculars
MA.9-10.5.1.2.b	Construct one-dimensional, twodimensional, and three-dimensional geometric figures using a variety of tools and technologies (e.g., angle bisectors, perpendicular bisectors, triangles given specific characteristics).	Construction: Tangents to Circle
MA.9-10.5.3.1.a	Explain a method for determining whether a real world problem involves direct proportion or inverse proportion.	Relationship Definitions
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Algebra Properties and Proportions
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Algebra and Ratios

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MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area Comparison of Polygons
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area Concepts of Polygons
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area and Volume
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area of Parallelograms
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area of Rectangles
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area of Regular Polygons
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Area of Triangles and Rhombuses
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Circles: Area of Circles
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Circles: Area of Sectors
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Properties of Proportions
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	Relationship Definitions
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Algebra	
Section	Description	Lesson Title
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Conjunctions
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Disjunctions

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MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Negation
MA.9-12.A1.2.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Review of Properties of Algebra
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Ordered Pairs: Points in a Plane
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Equations of Lines
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Equations of Lines
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Graphs of Algebraic Sentences
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Ordered Pairs: Points in a Plane
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Review of Properties of Algebra
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Equations of Lines
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Geometric Theorems
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Deductive Reasoning
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Geometric Theorems
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Indirect Proof Format: The Paragraph Proof
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive Reasoning
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Using Deductive Reasoning
Grade:	Geometry	

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Section	Description	Lesson Title
MA.9-12.G.1.A	Distinguish between inductive and deductive reasoning.	Deductive Reasoning
MA.9-12.G.1.A	Distinguish between inductive and deductive reasoning.	Geometric Theorems
MA.9-12.G.1.A	Distinguish between inductive and deductive reasoning.	Inductive Reasoning
MA.9-12.G.1.A	Distinguish between inductive and deductive reasoning.	Using Deductive Reasoning
MA.9-12.G.1.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Geometric Theorems
MA.9-12.G.1.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Inductive Reasoning
MA.9-12.G.1.C	Use deductive reasoning to prove that a valid geometric statement is true.	Conjunctions
MA.9-12.G.1.C	Use deductive reasoning to prove that a valid geometric statement is true.	Deductive Reasoning
MA.9-12.G.1.C	Use deductive reasoning to prove that a valid geometric statement is true.	Disjunctions
MA.9-12.G.1.C	Use deductive reasoning to prove that a valid geometric statement is true.	Using Deductive Reasoning
MA.9-12.G.1.D	Write the converse, inverse, and contrapositive of a valid proposition and determine their validity.	Conditional or Implication Statements
MA.9-12.G.1.D	Write the converse, inverse, and contrapositive of a valid proposition and determine their validity.	Converse, Inverse, Contrapositive
MA.9-12.G.1.D	Write the converse, inverse, and contrapositive of a valid proposition and determine their validity.	Logic
MA.9-12.G.1.F	Distinguish between definitions and undefined geometric terms and explain the role of definitions, undefined terms, postulates (axioms), and theorems.	Exterior/Remote Interior Angles of Triangle
MA.9-12.G.1.F	Distinguish between definitions and undefined geometric terms and explain the role of definitions, undefined terms, postulates (axioms), and theorems.	Geometric Postulates
MA.9-12.G.1.F	Distinguish between definitions and undefined geometric terms and explain the role of definitions, undefined terms, postulates (axioms), and theorems.	Geometry as a System
MA.9-12.G.1.F	Distinguish between definitions and undefined geometric terms and explain the role of definitions, undefined terms, postulates (axioms), and theorems.	Proofs Involving Triangles
MA.9-12.G.1.F	Distinguish between definitions and undefined geometric terms and explain the role of definitions, undefined terms, postulates (axioms), and theorems.	Triangles that Use Parallelograms in Proofs
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Angle Relationships and Parallels
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Continued Proofs: Transversals and Special Angles
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Exterior/Remote Interior Angles of Triangle
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Geometry as a System
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	More Proofs for Postulates 9 and 10
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	More Proofs: Transversals and Special Angles
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Parallel and Perpendicular Lines

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MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Proofs Involving Triangles
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Relationship Definitions
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Transversals and Special Angles
MA.9-12.G.2.A	Know, prove, and apply theorems about parallel and perpendicular lines.	Triangles that Use Parallelograms in Proofs
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Angle Definitions
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Angle Relationships and Parallels
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Continued Proofs: Transversals and Special Angles
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Exterior/Remote Interior Angles of Triangle
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Geometry as a System
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	More Proofs for Postulates 9 and 10
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	More Proofs: Transversals and Special Angles
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Proofs Involving Triangles
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Relationship Definitions
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Transversals and Special Angles
MA.9-12.G.2.B	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal	Triangles that Use Parallelograms in Proofs
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Angle Relationships and Parallels
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Bisecting Figures
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Copying Figures
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Dividing a Segment
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Parallels
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Perpendiculars

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MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Parallel and Perpendicular Lines
MA.9-12.G.2.C	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Relationship Definitions
MA.9-12.G.2.D	Describe the intersections of lines in the plane and in space, of lines and planes, and of planes in space.	Geometry Undefined Terms: Line
MA.9-12.G.2.D	Describe the intersections of lines in the plane and in space, of lines and planes, and of planes in space.	Geometry Undefined Terms: Plane
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Angle Definitions
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Exterior/Remote Interior Angles of Triangle
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Geometric Postulates
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Geometry as a System
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Proofs Involving Triangles
MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Triangles that Use Parallelograms in Proofs
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Congruent Triangles and Quadrilaterals
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Defining Congruent Triangles
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Independent Triangles (1)
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Independent Triangles (2)
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Isosceles Triangles (1)
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Isosceles Triangles (2)
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Overlapping Triangles (1)
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Overlapping Triangles (2)
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Proof Formats: Statement of the Theorem
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Proof Formats: The Figure
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Proof Formats: The Given Information
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Proof Formats: To Prove Statement
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Proving Right Triangles Congruent
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Proving Triangles Congruent (1)

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MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Proving Triangles Congruent (2)
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Using Similar Triangles in Indirect Measure
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Using Triangles: Rectangular Solids
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Circles: Area of Circles
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Circles: Area of Sectors
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Circles: Area of Segments
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Classifying Triangle by Sides and Angles
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Isosceles Triangles (1)
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Isosceles Triangles (2)
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Theorems-Special Segments in Triangles
MA.9-12.G.3.C	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Using Triangles: Rectangular Solids
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Converse, Inverse, Contrapositive
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: Statement of the Theorem
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: The Figure
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: The Given Information
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: To Prove Statement
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Proofs Involving Triangles
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	The Pythagorean Theorem
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Theorem about 30-60-90 Right Triangles
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Theorem about 45-45-90 Right Triangles
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Trigonometry-Cosine Ratio
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Trigonometry-Sine Ratio
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Trigonometry-Tangent Ratio
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Using Trigonometry in Indirect Measure
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Exterior/Remote Interior Angles of Triangle
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Geometry as a System
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Parallel and Perpendicular Lines

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MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Parallelograms: Rectangles
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: Statement of the Theorem
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: The Figure
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: The Given Information
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: To Prove Statement
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Proofs Involving Triangles
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Quadrilateral Parallelograms Theorems Part1
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Quadrilateral Parallelograms Theorems Part2
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Triangles that Use Parallelograms in Proofs
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Exterior/Remote Interior Angles of Triangle
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Geometry as a System
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Isosceles Triangles (1)
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Isosceles Triangles (2)
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Parallelograms: Rectangles
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: Statement of the Theorem
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: The Figure
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: The Given Information
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: To Prove Statement
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proofs Involving Triangles
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Quadrilateral Parallelograms Theorems Part1
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Quadrilateral Parallelograms Theorems Part2
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Trapezoids-Definitions and Proofs
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Triangles that Use Parallelograms in Proofs
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Using Triangles: Rectangular Solids
MA.9-12.G.3.H	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Exterior/Remote Interior Angles of Triangle
MA.9-12.G.3.H	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Geometry as a System
MA.9-12.G.3.H	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Proofs Involving Triangles

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MA.9-12.G.3.H	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Triangles that Use Parallelograms in Proofs
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Angle Relationship Theorems (2)
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Arcs
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Circles
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Circles: Area of Circles
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Circles: Area of Sectors
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: 4th Proportion
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Bisecting Figures
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Circles
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Copying Figures
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Dividing a Segment
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Geometric Mean
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Parallels
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Perpendiculars
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Construction: Tangents to Circle
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Geometry Undefined Terms: Point
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Isosceles Triangles (1)
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Isosceles Triangles (2)
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Ordered Pairs: Points in a Plane
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Solids: Pyramids
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Using Triangles: Rectangular Solids
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Using Triangles: Regular Square Pyramid
MA.9-12.G.3.K	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Characteristics of Spheres
MA.9-12.G.3.K	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Cones
MA.9-12.G.3.K	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Cylinders
MA.9-12.G.3.K	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Pyramids
MA.9-12.G.3.K	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Spheres
MA.9-12.G.3.K	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Using Triangles: Regular Square Pyramid
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Angle Relationships and Parallels

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MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Defined Terms: Definitions
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Distance Formula
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Figures in the Coordinate Plane
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Geometry Undefined Terms: Point
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Ordered Pairs: Points in a Plane
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Parallel and Perpendicular Lines
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Relationship Definitions
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Defined Terms: Definitions
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Geometry Undefined Terms: Point
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Ordered Pairs: Points in a Plane
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Distance Formula
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Figures in the Coordinate Plane
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Isosceles Triangles (1)
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Isosceles Triangles (2)
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Parallelograms: Rectangles
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Quadrilateral Parallelograms Theorems Part1

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MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Quadrilateral Parallelograms Theorems Part2
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Trapezoids-Definitions and Proofs
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Using Triangles: Rectangular Solids
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Arcs
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles: Area of Circles
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles: Area of Sectors
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Distance Formula
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Equation of a Circle
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Figures in the Coordinate Plane
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Geometry Undefined Terms: Plane
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Figures in the Coordinate Plane
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Geometry Undefined Terms: Line
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Geometry Undefined Terms: Plane

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MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Introduction: Rigid Motion, or Isometry
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Inverse and Identity Transformation
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Isometry: Reflection
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Isometry: Translation
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Product Transformation
MA.9-12.G.5.B	Determine and apply properties of transformations.	Inverse and Identity Transformation
MA.9-12.G.5.B	Determine and apply properties of transformations.	Isosceles Triangles (1)
MA.9-12.G.5.B	Determine and apply properties of transformations.	Isosceles Triangles (2)
MA.9-12.G.5.B	Determine and apply properties of transformations.	Using Triangles: Rectangular Solids
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Characteristics of Circles
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Dilation: Congruence and Similarity
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Figures in the Coordinate Plane
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Introduction: Rigid Motion, or Isometry
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Inverse and Identity Transformation
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Isometry: Reflection

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MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Isometry: Rotation
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Isometry: Translation
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Product Transformation
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Similar Polygons
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Theorems-Similar Polygons
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Introduction: Rigid Motion, or Isometry
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Inverse and Identity Transformation
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Isometry: Reflection
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Isometry: Rotation
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Symmetry
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Arcs
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Circles
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Circles: Area of Circles
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Circles: Area of Sectors
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Angle Measurement
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Angle Relationship Theorems (2)
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Area and Volume
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Characteristics of Spheres
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Solids: Spheres

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MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Area and Volume
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Area of Rectangles
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Area of Triangles and Rhombuses
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Area of Circles
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Area of Sectors
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Area of Segments
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Circumference and PI
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Cones
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Cylinders
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Prisms
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Pyramids
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area Comparison of Polygons
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area Concepts of Polygons
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area and Volume
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Parallelograms
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Rectangles
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Regular Polygons
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Trapezoids
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Triangles and Rhombuses
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Circles: Area of Circles
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Circles: Area of Sectors

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MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Cones
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Cylinders
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Prisms
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Pyramids
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Angle Definitions
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Angle Measurement
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Angle Relationship Theorems (2)
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Circles: Area of Segments
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Geometric Theorems
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Special Angles Type 2
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Special Angles Type 3
MA.9-12.G.6.E	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Special Segments

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MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Geometric Theorems
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Deductive Reasoning
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Geometric Theorems
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Indirect Proof Format: The Paragraph Proof
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive Reasoning
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Using Deductive Reasoning
Grade:	Algebra 2	
Section	Description	Lesson Title
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Ordered Pairs: Points in a Plane
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Review of Properties of Algebra
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Graphs of Algebraic Sentences
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Geometric Theorems
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Deductive Reasoning
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Geometric Theorems
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Indirect Proof Format: The Paragraph Proof
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive Reasoning
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Using Deductive Reasoning
Grade:	Mathematics 1	
Section	Description	Lesson Title
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Equations of Lines
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Equations of Lines

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MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Equations of Lines
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Angle Relationships and Parallels
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Defined Terms: Definitions
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Distance Formula
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Figures in the Coordinate Plane
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Geometry Undefined Terms: Point
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Ordered Pairs: Points in a Plane
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Parallel and Perpendicular Lines
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Relationship Definitions
MA.9-12.M1.4.A	Distinguish between inductive and deductive reasoning.	Deductive Reasoning
MA.9-12.M1.4.A	Distinguish between inductive and deductive reasoning.	Geometric Theorems
MA.9-12.M1.4.A	Distinguish between inductive and deductive reasoning.	Inductive Reasoning
MA.9-12.M1.4.A	Distinguish between inductive and deductive reasoning.	Using Deductive Reasoning

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MA.9-12.M1.4.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Geometric Theorems
MA.9-12.M1.4.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Inductive Reasoning
MA.9-12.M1.4.C	Use deductive reasoning to prove that a valid geometric statement is true.	Conjunctions
MA.9-12.M1.4.C	Use deductive reasoning to prove that a valid geometric statement is true.	Deductive Reasoning
MA.9-12.M1.4.C	Use deductive reasoning to prove that a valid geometric statement is true.	Disjunctions
MA.9-12.M1.4.C	Use deductive reasoning to prove that a valid geometric statement is true.	Using Deductive Reasoning
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Dilation: Congruence and Similarity
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Indirect Proof Format: The Paragraph Proof
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Meaning of Similarity
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Meaning of Similarity-Proofs
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Meaning of Similarity-Theorems
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Proof Formats: Statement of the Theorem
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Proof Formats: The Figure
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Proof Formats: The Given Information
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Proof Formats: To Prove Statement
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Similar Right Triangles
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Using Similar Triangles in Indirect Measure
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Angle Relationships and Parallels
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Continued Proofs: Transversals and Special Angles
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Exterior/Remote Interior Angles of Triangle
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Geometry as a System
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	More Proofs for Postulates 9 and 10
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	More Proofs: Transversals and Special Angles
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Parallel and Perpendicular Lines
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Proofs Involving Triangles
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Relationship Definitions
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Transversals and Special Angles
MA.9-12.M1.4.E	Know, prove, and apply theorems about parallel and perpendicular lines.	Triangles that Use Parallelograms in Proofs

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MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Angle Definitions
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Angle Relationships and Parallels
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Continued Proofs: Transversals and Special Angles
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Exterior/Remote Interior Angles of Triangle
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Geometry as a System
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	More Proofs for Postulates 9 and 10
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	More Proofs: Transversals and Special Angles
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Proofs Involving Triangles
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Relationship Definitions
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Transversals and Special Angles
MA.9-12.M1.4.F	Know, prove, and apply theorems about angles, including angles that arise from parallel lines intersected by a transversal.	Triangles that Use Parallelograms in Proofs
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Angle Relationships and Parallels
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Bisecting Figures
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Copying Figures
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Dividing a Segment
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Parallels
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Construction: Perpendiculars
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Parallel and Perpendicular Lines
MA.9-12.M1.4.G	Explain and perform basic compass and straightedge constructions related to parallel and perpendicular lines.	Relationship Definitions
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Conjunctions

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MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Disjunctions
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Negation
MA.9-12.M1.6.A	Know the relationship between real numbers and the number line, and compare and order real numbers with and without the number line.	Review of Properties of Algebra
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Ordered Pairs: Points in a Plane
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Geometric Theorems
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Deductive Reasoning
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Geometric Theorems
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Indirect Proof Format: The Paragraph Proof
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive Reasoning
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Using Deductive Reasoning
Grade:	Mathematics 2	
Section	Description	Lesson Title
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Graphs of Algebraic Sentences
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Graphs of Algebraic Sentences
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a , b , c , and d are integers.	Ordered Pairs: Points in a Plane
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Review of Properties of Algebra
MA.9-12.M2.3.A	Use deductive reasoning to prove that a valid geometric statement is true.	Conjunctions
MA.9-12.M2.3.A	Use deductive reasoning to prove that a valid geometric statement is true.	Deductive Reasoning
MA.9-12.M2.3.A	Use deductive reasoning to prove that a valid geometric statement is true.	Disjunctions
MA.9-12.M2.3.A	Use deductive reasoning to prove that a valid geometric statement is true.	Using Deductive Reasoning
MA.9-12.M2.3.C	Write the converse, inverse, and contrapositive of a valid proposition and determine their validity.	Conditional or Implication Statements
MA.9-12.M2.3.C	Write the converse, inverse, and contrapositive of a valid proposition and determine their validity.	Converse, Inverse, Contrapositive
MA.9-12.M2.3.C	Write the converse, inverse, and contrapositive of a valid proposition and determine their validity.	Logic

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MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Angle Definitions
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Exterior/Remote Interior Angles of Triangle
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Geometric Postulates
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Geometry as a System
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Proofs Involving Triangles
MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Triangles that Use Parallelograms in Proofs
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Congruent Triangles and Quadrilaterals
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Defining Congruent Triangles
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Independent Triangles (1)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Independent Triangles (2)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Isosceles Triangles (1)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Isosceles Triangles (2)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Overlapping Triangles (1)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Overlapping Triangles (2)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Proof Formats: Statement of the Theorem
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Proof Formats: The Figure
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Proof Formats: The Given Information
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Proof Formats: To Prove Statement
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Proving Right Triangles Congruent
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Proving Triangles Congruent (1)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Proving Triangles Congruent (2)
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Using Triangles: Rectangular Solids
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Converse, Inverse, Contrapositive
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: Statement of the Theorem

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MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: The Figure
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: The Given Information
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Proof Formats: To Prove Statement
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Proofs Involving Triangles
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	The Pythagorean Theorem
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Theorem about 30-60-90 Right Triangles
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Theorem about 45-45-90 Right Triangles
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Trigonometry-Cosine Ratio
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Trigonometry-Sine Ratio
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Trigonometry-Tangent Ratio
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Using Trigonometry in Indirect Measure
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Circles: Area of Circles
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Circles: Area of Sectors
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Circles: Area of Segments
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Classifying Triangle by Sides and Angles
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Isosceles Triangles (1)
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Isosceles Triangles (2)
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Theorems-Special Segments in Triangles
MA.9-12.M2.3.I	Use the properties of special right triangles (30° - 60° - 90° and 45° - 45° - 90°) to solve problems.	Using Triangles: Rectangular Solids
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Exterior/Remote Interior Angles of Triangle
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Geometry as a System
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Parallel and Perpendicular Lines
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Parallelograms: Rectangles
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: Statement of the Theorem
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: The Figure
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: The Given Information
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Proof Formats: To Prove Statement

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MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Proofs Involving Triangles
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Quadrilateral Parallelograms Theorems Part1
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Quadrilateral Parallelograms Theorems Part2
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Triangles that Use Parallelograms in Proofs
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Exterior/Remote Interior Angles of Triangle
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Geometry as a System
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Isosceles Triangles (1)
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Isosceles Triangles (2)
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Parallelograms: Rectangles
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: Statement of the Theorem
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: The Figure
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: The Given Information
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proof Formats: To Prove Statement
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Proofs Involving Triangles
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Quadrilateral Parallelograms Theorems Part1
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Quadrilateral Parallelograms Theorems Part2
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Trapezoids-Definitions and Proofs
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Triangles that Use Parallelograms in Proofs
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Using Triangles: Rectangular Solids
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Defined Terms: Definitions
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Geometry Undefined Terms: Point
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Ordered Pairs: Points in a Plane
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Distance Formula
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Figures in the Coordinate Plane
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Isosceles Triangles (1)
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Isosceles Triangles (2)
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Parallelograms: Rectangles

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MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Quadrilateral Parallelograms Theorems Part1
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Quadrilateral Parallelograms Theorems Part2
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Trapezoids-Definitions and Proofs
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Using Triangles: Rectangular Solids
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Angle Definitions
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Angle Measurement
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Angle Relationship Theorems (2)
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Circles: Area of Segments
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Geometric Theorems
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Special Angles Type 2
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Special Angles Type 3
MA.9-12.M2.5.B	Use different degrees of precision in measurement, explain the reason for using a certain degree of precision, and apply estimation strategies to obtain reasonable measurements with appropriate precision for a given purpose.	Special Segments
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Geometric Theorems
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Deductive Reasoning

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MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Geometric Theorems
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Indirect Proof Format: The Paragraph Proof
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive Reasoning
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Using Deductive Reasoning
Grade:	Mathematics 3	
Section	Description	Lesson Title
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Figures in the Coordinate Plane
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Geometry Undefined Terms: Line
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Geometry Undefined Terms: Plane
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Introduction: Rigid Motion, or Isometry
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Inverse and Identity Transformation
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Isometry: Reflection
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Isometry: Translation
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Product Transformation
MA.9-12.M3.2.B	Determine and apply properties of transformations.	Inverse and Identity Transformation
MA.9-12.M3.2.B	Determine and apply properties of transformations.	Isosceles Triangles (1)
MA.9-12.M3.2.B	Determine and apply properties of transformations.	Isosceles Triangles (2)

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MA.9-12.M3.2.B	Determine and apply properties of transformations.	Using Triangles: Rectangular Solids
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Characteristics of Circles
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Dilation: Congruence and Similarity
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Figures in the Coordinate Plane
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Introduction: Rigid Motion, or Isometry
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Inverse and Identity Transformation
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Isometry: Reflection
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Isometry: Rotation
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Isometry: Translation
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Product Transformation
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Similar Polygons
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Theorems-Similar Polygons
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Introduction: Rigid Motion, or Isometry
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Inverse and Identity Transformation

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MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Isometry: Reflection
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Isometry: Rotation
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Symmetry
MA.9-12.M3.5.A	Describe the intersections of lines in the plane and in space, of lines and planes, and of planes in space.	Geometry Undefined Terms: Line
MA.9-12.M3.5.A	Describe the intersections of lines in the plane and in space, of lines and planes, and of planes in space.	Geometry Undefined Terms: Plane
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Geometry Undefined Terms: Point
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Isosceles Triangles (1)
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Isosceles Triangles (2)
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Ordered Pairs: Points in a Plane
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Solids: Pyramids
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Using Triangles: Rectangular Solids
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Using Triangles: Regular Square Pyramid
MA.9-12.M3.5.C	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Characteristics of Spheres
MA.9-12.M3.5.C	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Cones
MA.9-12.M3.5.C	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Cylinders
MA.9-12.M3.5.C	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Pyramids
MA.9-12.M3.5.C	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Solids: Spheres
MA.9-12.M3.5.C	Analyze cross-sections of cubes, prisms, pyramids, and spheres and identify the resulting shapes.	Using Triangles: Regular Square Pyramid
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Area and Volume
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Area of Rectangles
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Area of Triangles and Rhombuses
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Area of Circles

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MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Area of Sectors
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Area of Segments
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Circles: Circumference and PI
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Cones
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Cylinders
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Prisms
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Solids: Pyramids
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area Comparison of Polygons
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area Concepts of Polygons
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area and Volume
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Parallelograms
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Rectangles
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Regular Polygons
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Trapezoids
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Area of Triangles and Rhombuses
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Circles: Area of Circles
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Circles: Area of Sectors
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Cones
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Cylinders
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Prisms

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MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Solids: Pyramids
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Angle Measurement
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Angle Relationship Theorems (2)
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Area and Volume
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Characteristics of Spheres
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Solids: Spheres
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Ordered Pairs: Points in a Plane
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Review of Properties of Algebra
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Arcs
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Chords
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Circles
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Circles: Area of Circles
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Circles: Area of Sectors
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Exterior/Remote Interior Angles of Triangle
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Geometry as a System
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Proofs Involving Triangles
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Special Angles Type 1
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Tangents
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Theorems (1)
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Theorems (2)
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Triangles that Use Parallelograms in Proofs
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Trigonometry-Tangent Ratio
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Arcs

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MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles: Area of Circles
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Circles: Area of Sectors
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Distance Formula
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Equation of a Circle
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Figures in the Coordinate Plane
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Geometry Undefined Terms: Plane
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Angle Relationship Theorems (2)
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Arcs
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Circles
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Circles: Area of Circles
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Circles: Area of Sectors
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: 4th Proportion
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Bisecting Figures
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Circles
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Copying Figures
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Dividing a Segment
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Geometric Mean
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Parallels
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Perpendiculars
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Construction: Tangents to Circle
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Arcs
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Circles
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Circles: Area of Circles
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Circles: Area of Sectors
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Geometric Theorems

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MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Deductive Reasoning
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Geometric Theorems
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Indirect Proof Format: The Paragraph Proof
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Inductive Reasoning
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Using Deductive Reasoning

**Alignment Report for Integrated Math I
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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.a	Explain the meaning of scientific notation using words, pictures, symbols, or numbers.	Scientific Notation
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	A Product to a Power
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Adding and Subtracting Radicals
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Dividing Radicals
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Dividing with Like Bases
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Multiplying with Like Bases
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Percent Problems
MA.9-10.1.1.1.b	Express and/or use equivalents among fractions, decimals, percents, integers, positive integer exponents, square roots, and/or numbers written in scientific notation.	Scientific Notation
MA.9-10.1.1.1.c	Read and translate numbers represented in scientific notation from calculators and other technology, texts, tables, and charts.	Scientific Notation
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Mixture and Interest Problems
MA.9-10.1.1.1.d	Use scientific notation in a given situation.	Scientific Notation
MA.9-10.1.1.4.b	Determine whether a real-world problem involves direct or inverse proportion.	Direct Variation
MA.9-10.1.1.4.c	Use direct or inverse proportion to determine an unknown number of objects or an unknown value in a given situation.	Direct Variation
MA.9-10.1.1.5.a	Compute using scientific notation.	Scientific Notation
MA.9-10.1.1.5.b	Use scientific notation to simplify a calculation.	Scientific Notation
MA.9-10.1.1.6.a	Calculate using order of operations on rational numbers.	Evaluating Expressions
MA.9-10.1.1.6.b	Use properties to reorder and rearrange expressions to compute more efficiently.	Simplifying Expressions
MA.9-10.1.2.3.c	Explain why different situations require different levels of precision.	Mixture and Interest Problems
MA.9-10.1.3.2.b	Sort, classify, and label prisms, cylinders, cones, and pyramids.	Definitions and Nets
MA.9-10.1.3.2.b	Sort, classify, and label prisms, cylinders, cones, and pyramids.	The Cylinder and Sphere
MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Definitions and Nets

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MA.9-10.1.3.2.c	Sort, classify, and label 2-dimensional and 3-dimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Parallelograms
MA.9-10.1.3.3.c	Represent real life situations on a coordinate grid or describes the location of a point that satisfies given conditions.	Mixture and Interest Problems
MA.9-10.1.3.3.e	Write ordered pairs to describe the locations of points or objects on a coordinate grid.	The Coordinate Plane
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Rotations
MA.9-10.1.3.4.a	Use multiple translations, reflections, and/or rotations to create congruent figures on a coordinate grid.	Symmetry and Reflections
MA.9-10.1.3.4.b	Use dilation of a given figure to form a similar figure.	Translations and Dilations
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Rotations
MA.9-10.1.3.4.d	Describe a combination of two translations, reflections, and/or rotations to transform one figure to another figure with or without a coordinate grid.	Symmetry and Reflections
MA.9-10.1.4.1.a	Describe whether the outcome of a first event affects the probability of a later event.	Compound Events
MA.9-10.1.4.1.b	Describe the difference between dependent and independent events.	Compound Events
MA.9-10.1.4.2.a	Determine the sample space for independent or dependent events.	Compound Events
MA.9-10.1.4.2.b	Determine probabilities of dependent and independent events.	Compound Events
MA.9-10.1.4.2.b	Determine probabilities of dependent and independent events.	Probability
MA.9-10.1.4.2.c	Determine the outcomes and probability of multiple independent or dependent events.	Compound Events
MA.9-10.1.4.2.c	Determine the outcomes and probability of multiple independent or dependent events.	Outcomes
MA.9-10.1.4.2.c	Determine the outcomes and probability of multiple independent or dependent events.	Permutations
MA.9-10.1.4.2.c	Determine the outcomes and probability of multiple independent or dependent events.	Probability
MA.9-10.1.4.3.a	Determine whether claims made about results are based on biased data due to sampling.	Measures of Central Tendency
MA.9-10.1.4.3.a	Determine whether claims made about results are based on biased data due to sampling.	Outcomes
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Measures of Central Tendency
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Outcomes
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Project: Data Analysis
MA.9-10.1.4.3.b	Collect data using appropriate questions, samples, and/or methods to control for bias.	Project: Probability
MA.9-10.1.4.3.c	Examine sources of bias in data collection questions, samples, and/or methods and describe how such bias can be controlled.	Measures of Central Tendency
MA.9-10.1.4.3.e	Determine how data collection methods impact the accuracy of the results.	Project: Data Analysis

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MA.9-10.1.4.3.e	Determine how data collection methods impact the accuracy of the results.	Project: Probability
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	More than Two Unknowns
MA.9-10.1.4.5.c	Match an equation with a set of data or a graphic display.	Using a Chart
MA.9-10.1.4.5.e	Determine whether a prediction is reasonable based on the given data or graph.	Interpreting Data
MA.9-10.1.4.5.e	Determine whether a prediction is reasonable based on the given data or graph.	Project: Data Analysis
MA.9-10.1.4.6.c	Use statistics to support different points of view.	Project: Probability
MA.9-10.1.4.6.d	Use a set of statistics to develop a logical point of view.	Project: Probability
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Function Notation
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Identifying Functions
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Modeling Functions
MA.9-10.1.5.2.a	Determine an equation of a line from a set of ordered pairs.	Writing Linear Equations (2)
MA.9-10.1.5.2.c	Write an equation or rule to describe a sequence.	Arithmetic Sequences
MA.9-10.1.5.2.d	Write an equation for a line given a graph of the line.	Writing Linear Equations (1)
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Mixture and Interest Problems
MA.9-10.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Writing a Function Rule
MA.9-10.1.5.2.g	Write an equation for a reasonable line to describe a set of bivariate data from a table or scatter plot.	Interpreting Data
MA.9-10.1.5.2.g	Write an equation for a reasonable line to describe a set of bivariate data from a table or scatter plot.	Project: Data Analysis
MA.9-10.1.5.4.a	Use variables to write expressions and equations to represent situations that can be described using repeated addition or repeated multiplication.	More than Two Unknowns
MA.9-10.1.5.4.a	Use variables to write expressions and equations to represent situations that can be described using repeated addition or repeated multiplication.	Using a Chart
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	More than Two Unknowns
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	Ratio Problems
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	Two Unknowns
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	Using a Chart
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	Writing Equations from Word Problems
MA.9-10.1.5.4.c	Match an expression or equation to a given real-world situation and explain the meaning of a variable.	Writing a Function Rule
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	Maximum and Minimum
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	More than Two Unknowns
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	Ratio Problems

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MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	Two Unknowns
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	Using a Chart
MA.9-10.1.5.4.e	Describe the meaning of a variable in a formula, expression, equation, or inequality.	Writing Equations from Word Problems
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	Simplifying Expressions
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	The Distributive Property
MA.9-10.1.5.5.a	Write and/or simplify expressions including applying the distributive property.	The Distributive Property
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	A Product to a Power
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Dividing by a Monomial
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Dividing with Like Bases
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Exponents and Order of Operations
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Multiplying with Like Bases
MA.9-10.1.5.5.b	Simplify an expression involving exponents.	Simplifying Rational Expressions
MA.9-10.1.5.5.c	Use multiple algebraic properties to simplify expressions.	Simplifying Expressions
MA.9-10.1.5.5.d	Evaluate formulas or expressions that involve squares or cubes.	Evaluating Expressions
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable.	Literal Equations
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Fractional Coefficients
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Graphing Systems of Equations
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Money and Unit Pricing
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Solution of a System
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	The Elimination Method
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	The Substitution Method
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Using Formulas
MA.9-10.1.5.6.b	Determine the solution to a system of linear equations using tables, graphs, and/or symbols.	Using Two Variables
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Fractional Coefficients
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Graphing Systems of Equations
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Money and Unit Pricing
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	The Elimination Method
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	The Substitution Method
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Using Formulas
MA.9-10.1.5.6.c	Interpret solutions of systems of equations.	Using Two Variables
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Combining Like Terms
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Equations with More than One Step
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	More than Two Unknowns
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	The Distributive Property
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Two Unknowns
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Using a Chart
MA.9-10.1.5.6.d	Solve, or write and solve, multi-step equations.	Variables on Both Sides

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MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Addition Property of Inequality
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Graphing One-Variable Inequalities
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Inequalities in Two Variables
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Maximum and Minimum
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Multi-Step Inequalities
MA.9-10.1.5.6.e	Solve, or write and solve, linear inequalities.	Multiplication Property of Inequality
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Graphing Systems of Equations
MA.9-10.1.5.6.f	Use systems of equations to determine the optimal solution for a given situation.	Mixture and Interest Problems
MA.9-10.3.1.1.a	Analyze mathematical information or results.	Drawing Conclusions
MA.9-10.3.1.1.a	Analyze mathematical information or results.	Truth Values
MA.9-10.3.1.1.d	Differentiate between valid and invalid analysis of mathematical information or results.	Drawing Conclusions
MA.9-10.3.1.1.d	Differentiate between valid and invalid analysis of mathematical information or results.	Truth Values
MA.9-10.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate mathematical data or facts.	Converse, Inverse and Contrapositive
MA.9-10.3.2.1.a	Draw a conclusion from a given situation and support the conclusion with appropriate mathematical data or facts.	Project: Determining Logical Equivalence
MA.9-10.3.2.1.b	Use data or examples as evidence to support or contradict a conclusion or conjecture.	Converse, Inverse and Contrapositive
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Drawing Conclusions
MA.9-10.3.3.3.a	Justify or refute claims and supporting arguments using data, models, known facts, patterns, relationships, counter examples, and/or proportional reasoning	Project: Data Analysis
MA.9-10.4.1.1.b	Develop a plan, not a survey, to collect information, including what mathematical information is needed and where and how to find the information.	Project: Data Analysis
MA.9-10.4.1.1.b	Develop a plan, not a survey, to collect information, including what mathematical information is needed and where and how to find the information.	Project: Probability
MA.9-10.4.1.1.d	Follow a plan, not a survey, to collect mathematical information for a given audience and purpose.	Project: Data Analysis
MA.9-10.4.1.1.d	Follow a plan, not a survey, to collect mathematical information for a given audience and purpose.	Project: Probability
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Interpreting Data
MA.9-10.4.1.2.a	Extract and use mathematical information from various sources such as pictures, symbols, text, tables, charts, graphs, diagrams, and models for a purpose.	Project: Data Analysis
MA.9-10.4.2.1.a	Select a useful format and organize mathematical information for a given purpose.	Project: Data Analysis
MA.9-10.4.2.1.a	Select a useful format and organize mathematical information for a given purpose.	Project: Probability
MA.9-10.5.1.1.a	Use concepts and procedures from two or more content strands in a given problem or situation.	Mixture and Interest Problems
MA.9-10.5.3.1.b	Investigate a local community situation and recommend a solution based on mathematical information.	Mixture and Interest Problems
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MA.11-12.1.1.1.a	Explain the meaning of the square root of a number, including why negative numbers have no real square roots.	Simplifying Radicals
MA.11-12.1.1.1.c	Explain the meaning of negative integer exponents and provides examples.	Dividing with Like Bases
MA.11-12.1.1.2.a	Compare and order real numbers without a calculator using relationships between integers, and the effects of radicals and rational exponents on those relationships.	Classifying and Comparing Numbers
MA.11-12.1.1.2.a	Compare and order real numbers without a calculator using relationships between integers, and the effects of radicals and rational exponents on those relationships.	Multiplying Radicals
MA.11-12.1.1.5.c	Find the integral or simple fractional powers of rational numbers.	A Product to a Power
MA.11-12.1.1.5.c	Find the integral or simple fractional powers of rational numbers.	Dividing with Like Bases
MA.11-12.1.1.6.a	Compute using rational numbers.	Fractions
MA.11-12.1.1.6.a	Compute using rational numbers.	Signed Numbers
MA.11-12.1.1.6.b	Compute using scientific notation.	Scientific Notation
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	A Product to a Power
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Dividing with Like Bases
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Evaluating Expressions
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Angle Relationship Definitions
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Central Angle and Arc Measure
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Congruence
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Parallel Lines and Transversals
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Central Angle and Arc Measure
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Surface Area
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	The Cylinder and Sphere
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	The Trapezoid
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Triangle Properties
MA.11-12.1.3.2.c	Distinguish between area and perimeter of 2-D figures, surface area, and volume of 3-D figures.	Volume
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Area and Sectors

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MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Pythagorean Theorem
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	The Trapezoid
MA.11-12.1.3.2.d	Calculate the area and perimeter of circles, triangles, quadrilaterals, and regular polygons.	Triangle Properties
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	Pythagorean Theorem
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	The Distance Formula
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	Surface Area
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	The Cylinder and Sphere
MA.11-12.1.3.2.f	Calculate the volume and surface area of spheres, right rectangular prisms, and right circular cylinders.	Volume
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Mixture and Interest Problems
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	Slope
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	The Distance Formula
MA.11-12.1.3.3.d	Solve problems involving the coordinate plane such as the distance between two points, the midpoint of a segment, or slopes of perpendicular or parallel lines.	The Midpoint Formula
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Compound Events
MA.11-12.1.4.2.b	Describe and apply procedures for computing and comparing theoretical probabilities and empirical/experimental results.	Probability
MA.11-12.1.4.2.b	Describe and apply procedures for computing and comparing theoretical probabilities and empirical/experimental results.	Project: Experimental Versus Theoretical Probability
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Combinations
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Outcomes
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Permutations
MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Measures of Central Tendency
MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Project: Graphing Data

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MA.11-12.1.4.4.a	Use measures of central tendency (mean, median, mode) and spread (range, quartiles) to summarize data, draw inferences, make predictions, and justify conclusions.	Project: Probability
MA.11-12.1.4.5.a	Create, select, and justify an appropriate linear model for a given set of data.	Project: Data Analysis
MA.11-12.1.4.5.c	Recognize when arguments based on data confuse correlation with causation.	Interpreting Data
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Dispersion
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Interpreting Data
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Project: Data Analysis
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Project: Graphing Data
MA.11-12.1.4.6.a	Use and interprets circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots, stem and leaf, and line graphs.	Project: Probability
MA.11-12.1.4.6.b	Analyze data displays to evaluate the reasonableness of claims, reports, studies, and conclusions.	Interpreting Data
MA.11-12.1.5.1.a	Evaluate functions to generate a graph.	Modeling Functions
MA.11-12.1.5.1.a	Evaluate functions to generate a graph.	Parent Functions
MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	Function Notation
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Reflecting a Parent Function
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Shifting a Parent Function
MA.11-12.1.5.1.f	Identify and analyze the general forms of linear, quadratic, reciprocal ($y=k/x$), exponential, or trigonometric functions.	Recognizing a Quadratic
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Writing Linear Equations (2)
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Writing a Function Rule
MA.11-12.1.5.2.c	Write an equation or rule to describe a sequence.	Arithmetic Sequences
MA.11-12.1.5.2.d	Write an equation for a line given a graph of the line.	Writing Linear Equations (1)
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Mixture and Interest Problems
MA.11-12.1.5.2.f	Write an expression, equation, or inequality with two variables representing a linear and/or non-linear model of a real-world problem.	Writing a Function Rule
MA.11-12.1.5.3.b	Determine the domain of the function.	Identifying Functions
MA.11-12.1.5.3.b	Determine the domain of the function.	Parent Functions
MA.11-12.1.5.3.c	Understand and interpret function notation, particularly as it relates of graphic displays of data.	Function Notation
MA.11-12.1.5.4.a	Explain the distinction between factor and term.	Factoring by Grouping

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MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Equations with More than One Step
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	More than Two Unknowns
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Ratio Problems
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Two Unknowns
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Using a Chart
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Variables on Both Sides
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Addition Property of Equality
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Equations with More than One Step
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	More than Two Unknowns
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Multiplication Property of Equality
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	The Distributive Property
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	The Square Root Method
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	The Zero Product Property
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Two Unknowns
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Using a Chart
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Variables on Both Sides
MA.11-12.1.5.4.f	Use appropriate properties to simplify an expression, resulting in an equivalent expression.	Commutative and Associative Properties
MA.11-12.1.5.4.f	Use appropriate properties to simplify an expression, resulting in an equivalent expression.	Open Sentences
MA.11-12.1.5.4.f	Use appropriate properties to simplify an expression, resulting in an equivalent expression.	Simplifying Expressions
MA.11-12.1.5.4.h	Find an equation of a circle given its center and radius and, given an equation of a circle, finds its center and radius.	The Circle
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	A Product to a Power
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	Adding and Subtracting Polynomials
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	F.O.I.L. and Special Cases
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	Multiplying all Polynomials
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	Multiplying by a Monomial
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	Multiplying with Like Bases
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	Simplifying Expressions
MA.11-12.1.5.5.a	Find the sum, difference, or product of two polynomials, then simplifies the result.	The Distributive Property
MA.11-12.1.5.5.b	Factor out the greatest common factor from polynomials of any degree.	Factoring Out the GCF

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MA.11-12.1.5.5.b	Factor out the greatest common factor from polynomials of any degree.	Factoring by Grouping
MA.11-12.1.5.5.b	Factor out the greatest common factor from polynomials of any degree.	Perfect Cubes
MA.11-12.1.5.5.b	Factor out the greatest common factor from polynomials of any degree.	The Greatest Common Factor
MA.11-12.1.5.5.c	Factor quadratic polynomials with integer coefficients into a product of linear terms.	Factoring Trinomials
MA.11-12.1.5.5.c	Factor quadratic polynomials with integer coefficients into a product of linear terms.	Factoring by Grouping
MA.11-12.1.5.5.c	Factor quadratic polynomials with integer coefficients into a product of linear terms.	Perfect Cubes
MA.11-12.1.5.5.c	Factor quadratic polynomials with integer coefficients into a product of linear terms.	Special Cases
MA.11-12.1.5.5.c	Factor quadratic polynomials with integer coefficients into a product of linear terms.	The Greatest Common Factor
MA.11-12.1.5.5.d	Simplify quotients of polynomials given in factored form, or in a form which can be factored.	Dividing by a Monomial
MA.11-12.1.5.5.d	Simplify quotients of polynomials given in factored form, or in a form which can be factored.	Factoring by Grouping
MA.11-12.1.5.5.d	Simplify quotients of polynomials given in factored form, or in a form which can be factored.	Long Division
MA.11-12.1.5.5.d	Simplify quotients of polynomials given in factored form, or in a form which can be factored.	Perfect Cubes
MA.11-12.1.5.5.d	Simplify quotients of polynomials given in factored form, or in a form which can be factored.	The Greatest Common Factor
MA.11-12.1.5.5.e	Add, subtract, multiply, and divide two rational expressions of the form, $a/bx+c$ where a , b , and c are real numbers such that $bx+c$ "is not equal to" 0. (rationalizing denominators not necessary).	Adding and Subtracting Rational Expressions
MA.11-12.1.5.5.e	Add, subtract, multiply, and divide two rational expressions of the form, $a/bx+c$ where a , b , and c are real numbers such that $bx+c$ "is not equal to" 0. (rationalizing denominators not necessary).	Multiplying and Dividing Rational Expressions
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Addition Property of Equality
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Combining Like Terms
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Equations with More than One Step
MA.11-12.1.5.6.a	Solve linear equations in one variable.	More than Two Unknowns
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Multiplication Property of Equality
MA.11-12.1.5.6.a	Solve linear equations in one variable.	The Distributive Property
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Two Unknowns
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Using a Chart
MA.11-12.1.5.6.a	Solve linear equations in one variable.	Variables on Both Sides
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	Compound Inequality Graphs
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	Graphing One-Variable Inequalities
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	Multi-Step Inequalities
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	Multiplication Property of Inequality
MA.11-12.1.5.6.b	Solve linear inequalities in one variable, including those involving "and" and "or."	Solving Compound Inequalities

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MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	Fractional Coefficients
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	Graphing Systems of Equations
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	Matrices
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	Money and Unit Pricing
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	The Elimination Method
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	The Substitution Method
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	Using Formulas
MA.11-12.1.5.6.c	Solve systems of linear equations in two variables.	Using Two Variables
MA.11-12.1.5.6.d	Solve linear inequalities in two variables (graphically only).	Graphing One-Variable Inequalities
MA.11-12.1.5.6.d	Solve linear inequalities in two variables (graphically only).	Inequalities in Two Variables
MA.11-12.1.5.6.f	Use a variety of strategies to solve quadratic equations including those with irrational solutions and recognize when solutions are non-real.	The Square Root Method
MA.11-12.1.5.6.f	Use a variety of strategies to solve quadratic equations including those with irrational solutions and recognize when solutions are non-real.	The Zero Product Property
MA.11-12.1.5.6.g	Solve equations in one variable containing a single radical.	Multiplying Radicals
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Proportions
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Rate and Mixture Problems
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Ratio Problems
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Using the LCD
MA.11-12.1.5.6.j	Solve literal equations (formulas) for a particular variable.	Literal Equations
MA.11-12.1.5.6.j	Solve literal equations (formulas) for a particular variable.	Proportions
MA.11-12.1.5.6.j	Solve literal equations (formulas) for a particular variable.	Using the LCD
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Maximum and Minimum
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Money and Unit Pricing
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Rate and Mixture Problems
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Ratio Problems
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Using Formulas
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Using Two Variables
MA.11-12.2.2.3.b	Choose concepts, strategies, representations, models, and tools well-suited to solving the problem.	Using a Chart
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Mixture and Interest Problems
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Writing a Function Rule
MA.11-12.3.1.1.c	Abstract mathematical models from word problems and interpret solutions in the context of these source problems.	Maximum and Minimum

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MA.11-12.3.2	Conclude.	Converse, Inverse and Contrapositive
MA.11-12.4.1	Gather information.	Project: Data Analysis
MA.11-12.4.2.1.a	Identify the variables and constants used.	Variables and Expressions
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Interpreting Data
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Project: Data Analysis
MA.11-12.5.3.1.a	Compare the different mathematical concepts and procedures that could be used to complete a particular task.	Mixture and Interest Problems
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Grade:	Grades: 9-10	
Section	Description	Lesson Title
MA.9-10.1.1.1.a	Read and use scientific and exponential notation.	Scientific Notation
MA.9-10.1.1.1.b	Identify a real-life situation to match a particular number written in scientific or exponential notation and justify the answer.	Scientific Notation
MA.9-10.1.1.1.c	Use scientific or exponential notation to simplify a problem.	Scientific Notation
MA.9-10.1.1.1.d	Illustrate the meaning of scientific notation using pictures, diagrams, or numbers.	Scientific Notation
MA.9-10.1.1.1.e	Read and translate numbers represented in scientific notation from calculators and other technology, tables, and charts.	Scientific Notation
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Dividing Radicals
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Dividing with Like Bases
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Evaluating Expressions
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Exponents and Order of Operations
MA.9-10.1.1.6.a	Complete multi-step computations using order of operations in situations involving combinations of rational numbers including whole number exponents and square roots of square numbers.	Simplifying Radicals
MA.9-10.1.1.6.b	Calculate using order of operations on all forms of rational numbers (e.g., $(3 * 2 + 5)2 - 8, 22 + 32$).	Evaluating Expressions
MA.9-10.1.1.6.b	Calculate using order of operations on all forms of rational numbers (e.g., $(3 * 2 + 5)2 - 8, 22 + 32$).	Exponents and Order of Operations
MA.9-10.1.1.6.b	Calculate using order of operations on all forms of rational numbers (e.g., $(3 * 2 + 5)2 - 8, 22 + 32$).	Fractions
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Open Sentences
MA.9-10.1.1.6.c	Use properties to reorder and rearrange expressions to compute more efficiently.	Simplifying Expressions

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MA.9-10.1.1.8.b	Explain situations involving real numbers where estimates are sufficient and others for which exact value is required.	Mixture and Interest Problems
MA.9-10.1.1.8.d	Describe various strategies used during estimation involving integers, rational numbers.	Classifying and Comparing Numbers
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	The Cylinder and Sphere
MA.9-10.1.2.1.a	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., how doubling one dimension of a cube affects the surface area and volume).	Volume
MA.9-10.1.2.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume?).	The Trapezoid
MA.9-10.1.2.1.d	Compare a given change in one or two dimensions on the perimeter, area, surface areas, or volumes of two objects.	The Trapezoid
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	The Cylinder and Sphere
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	The Trapezoid
MA.9-10.1.2.1.e	Determine the change in one dimension given a change in perimeter, area, volume, or surface area.	Volume
MA.9-10.1.2.5.a	Explain how to use a formula for finding the volume of a prism or cylinder.	The Cylinder and Sphere
MA.9-10.1.2.5.a	Explain how to use a formula for finding the volume of a prism or cylinder.	Volume
MA.9-10.1.2.5.b	Use a formula to find the volume of a prism or cylinder.	The Cylinder and Sphere
MA.9-10.1.2.5.b	Use a formula to find the volume of a prism or cylinder.	Volume
MA.9-10.1.2.5.c	Use a formula to derive a dimension of a right prism or right cylinder given other measures.	The Cylinder and Sphere
MA.9-10.1.2.5.d	Use formulas to describe and compare the surface areas and volumes of two or more right prisms and/or right cylinders.	Surface Area
MA.9-10.1.2.5.e	Use formulas to obtain measurements needed to describe a right cylinder or right prism.	The Cylinder and Sphere
MA.9-10.1.2.6.c	Estimate quantities using derived units of measure (e.g., distance or time using miles per hour, cost using unit cost).	Rate and Mixture Problems
MA.9-10.1.2.6.f	Estimate volume and surface area for right cylinders and right prisms.	Surface Area
MA.9-10.1.3.1.a	Identify and label one- and twodimensional characteristics (rays, lines, end points, line segments, vertices, and angles) in three-dimensional figures.	Definitions and Nets
MA.9-10.1.3.1.c	Draw and label with names and symbols nets of right prisms and right cylinders.	The Cylinder and Sphere
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Definitions and Nets
MA.9-10.1.3.1.e	Describe or classify various shapes based on their characteristics.	Parallelograms

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MA.9-10.1.3.1.f	Make and test conjectures about twodimensional and three-dimensional shapes and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape?).	Definitions and Nets
MA.9-10.1.3.2.a	Use geometric properties and relationships to describe, compare, and draw two-dimensional and three-dimensional shapes and figures.	Definitions and Nets
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Definitions and Nets
MA.9-10.1.3.2.d	Use the properties of two-dimensional and three-dimensional shapes to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Parallel Lines and Transversals
MA.9-10.1.3.2.e	Compare two-dimensional and threedimensional shapes according to characteristics including faces, edges, and vertices, using actual and virtual modeling.	Definitions and Nets
MA.9-10.1.3.3.a	Use coordinates to describe or identify the location of objects on coordinate grids.	The Coordinate Plane
MA.9-10.1.3.3.c	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	The Midpoint Formula
MA.9-10.1.3.3.d	Represent situations on a coordinate grid or describe the location of points that satisfy given conditions (e.g., locate a gas station to be equidistant from given cities; locate a staking point to maximize the grazing area of a tethered goat).	The Coordinate Plane
MA.9-10.1.3.3.f	Identify, interpret, and use the meaning of slope of a line as a rate of change using physical, symbolic, and technological models.	Direct Variation
MA.9-10.1.3.4.a	Apply multiple transformations to create congruent and similar figures in any or all of the four quadrants.	Congruence
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Rotations
MA.9-10.1.3.4.b	Use multiple transformations (combinations of translations, reflections, or rotations) to draw an image.	Symmetry and Reflections
MA.9-10.1.3.4.c	Use dilation (expansion or contraction) of a given shape to form a similar shape.	Translations and Dilations
MA.9-10.1.4.1.a	Compare the probabilities of dependent and independent events.	Compound Events
MA.9-10.1.4.1.a	Compare the probabilities of dependent and independent events.	Probability
MA.9-10.1.4.1.a	Compare the probabilities of dependent and independent events.	Project: Experimental Versus Theoretical Probability
MA.9-10.1.4.1.b	Determine and justify whether the outcome of a first event affects the probability of a later event (e.g., drawing cards from a deck with or without replacement).	Compound Events

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MA.9-10.1.4.1.b	Determine and justify whether the outcome of a first event affects the probability of a later event (e.g., drawing cards from a deck with or without replacement).	Probability
MA.9-10.1.4.1.b	Determine and justify whether the outcome of a first event affects the probability of a later event (e.g., drawing cards from a deck with or without replacement).	Project: Experimental Versus Theoretical Probability
MA.9-10.1.4.1.c	Explain the difference between dependent and independent events.	Compound Events
MA.9-10.1.4.1.c	Explain the difference between dependent and independent events.	Probability
MA.9-10.1.4.1.c	Explain the difference between dependent and independent events.	Project: Experimental Versus Theoretical Probability
MA.9-10.1.4.1.d	Explain and give examples of compound events.	Compound Events
MA.9-10.1.4.2.a	Determine probabilities of dependent and independent events.	Compound Events
MA.9-10.1.4.2.b	Generate the outcomes and probability of multiple independent and dependent events using a model or procedure (e.g., tree diagram, area model, counting procedures).	Compound Events
MA.9-10.1.4.2.b	Generate the outcomes and probability of multiple independent and dependent events using a model or procedure (e.g., tree diagram, area model, counting procedures).	Outcomes
MA.9-10.1.4.2.b	Generate the outcomes and probability of multiple independent and dependent events using a model or procedure (e.g., tree diagram, area model, counting procedures).	Permutations
MA.9-10.1.4.2.c	Generate the outcomes and probability of events using a counting procedure (e.g., the number of license plates that can be made with three letters and three numbers; winning the lottery).	Combinations
MA.9-10.1.4.2.c	Generate the outcomes and probability of events using a counting procedure (e.g., the number of license plates that can be made with three letters and three numbers; winning the lottery).	Permutations
MA.9-10.1.4.2.d	Explain the relationship between theoretical probability and empirical frequency of dependent events using simulations with and without technology.	Project: Experimental Versus Theoretical Probability
MA.9-10.1.4.2.e	Create a simple game based on independent probabilities wherein all players have an equal probability of winning.	Probability
MA.9-10.1.4.2.g	Determine the sample space for independent or dependent events.	Compound Events
MA.9-10.1.4.3.a	Identify sources of bias in data collection questions, samples, and/or methods and describe how such bias can be controlled.	Measures of Central Tendency
MA.9-10.1.4.3.c	Collect data using appropriate methods.	Project: Data Analysis
MA.9-10.1.4.3.c	Collect data using appropriate methods.	Project: Probability
MA.9-10.1.4.3.d	Use technology appropriately to collect data.	Project: Data Analysis
MA.9-10.1.4.3.d	Use technology appropriately to collect data.	Project: Probability
MA.9-10.1.4.3.e	Identify inappropriate data collection methods that might impact the accuracy of the results of a given situation.	Project: Data Analysis
MA.9-10.1.4.3.e	Identify inappropriate data collection methods that might impact the accuracy of the results of a given situation.	Project: Probability

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MA.9-10.1.4.3.g	Determine whether the methods of data collection used were appropriate for a given question or population.	Project: Data Analysis
MA.9-10.1.4.3.g	Determine whether the methods of data collection used were appropriate for a given question or population.	Project: Probability
MA.9-10.1.4.4.b	Determine the equation of a line that fits the data displayed on a scatter plot.	Interpreting Data
MA.9-10.1.4.4.b	Determine the equation of a line that fits the data displayed on a scatter plot.	Project: Data Analysis
MA.9-10.1.4.4.d	Match an equation with a set of data.	Ratio Problems
MA.9-10.1.4.4.d	Match an equation with a set of data.	Writing a Function Rule
MA.9-10.1.4.4.e	Match an equation with a graphic display.	Ratio Problems
MA.9-10.1.4.4.e	Match an equation with a graphic display.	Writing a Function Rule
MA.9-10.1.4.4.f	Create a graph based on the equation for a line.	Inequalities in Two Variables
MA.9-10.1.4.4.f	Create a graph based on the equation for a line.	Linear Equations
MA.9-10.1.4.6.a	Identify trends in a set of data in order to make a prediction based on the information.	Interpreting Data
MA.9-10.1.4.6.a	Identify trends in a set of data in order to make a prediction based on the information.	Project: Data Analysis
MA.9-10.1.4.6.b	Justify a prediction or an inference based on a set of data.	Project: Data Analysis
MA.9-10.1.4.6.d	Use statistics to support different points of view.	Project: Probability
MA.9-10.1.4.6.e	Analyze a set of statistics to develop a logical point of view.	Project: Probability
MA.9-10.1.4.6.f	Justify or refute claims and supporting arguments based on data.	Project: Data Analysis
MA.9-10.1.5.1.b	Identify, extend, or create a geometric or arithmetic sequence or pattern.	Arithmetic Sequences
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Identifying Functions
MA.9-10.1.5.1.c	Translate among equivalent numerical, graphical, and algebraic forms of a linear function.	Modeling Functions
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope-Intercept Form
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (1)
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (2)
MA.9-10.1.5.2.a	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (3)
MA.9-10.1.5.2.c	Identify or write an equation or rule to describe a pattern, sequence, and/or a linear function.	Arithmetic Sequences
MA.9-10.1.5.2.d	Write an equation for a line given a set of information (e.g., two points, point-slope, etc.).	Writing Linear Equations (1)
MA.9-10.1.5.2.d	Write an equation for a line given a set of information (e.g., two points, point-slope, etc.).	Writing Linear Equations (2)
MA.9-10.1.5.2.d	Write an equation for a line given a set of information (e.g., two points, point-slope, etc.).	Writing Linear Equations (3)
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Addition Property of Inequality
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Compound Inequality Graphs
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Graphing Systems of Equations

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MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Inequalities in Two Variables
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Matrices
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Multiplication Property of Inequality
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Solving Compound Inequalities
MA.9-10.1.5.2.f	Represent systems of equations and inequalities graphically.	Systems of Inequalities
MA.9-10.1.5.2.g	Write a story that represents a given linear equation or expression.	Linear Equations
MA.9-10.1.5.2.g	Write a story that represents a given linear equation or expression.	Maximum and Minimum
MA.9-10.1.5.2.g	Write a story that represents a given linear equation or expression.	Ratio Problems
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Linear Equations
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Maximum and Minimum
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Ratio Problems
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Writing Equations from Word Problems
MA.9-10.1.5.2.h	Write an expression, equation, or inequality with two variables representing a linear model of a real-world problem.	Writing a Function Rule
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Addition Property of Inequality
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Compound Inequality Graphs
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Dividing Radicals
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Inequalities in Two Variables
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Linear Equations

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MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Multiplication Property of Inequality
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Multiplying Radicals
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Simplifying Radicals
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Solving Compound Inequalities
MA.9-10.1.5.4.a	Represent variable quantities through expressions, equations, inequalities, graphs, and tables to represent linear situations involving whole number powers and square and cube roots.	Writing Equations from Word Problems
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Linear Equations
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Ratio Problems
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Writing Equations from Word Problems
MA.9-10.1.5.4.b	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated addition (e.g., models that are linear in nature).	Writing a Function Rule
MA.9-10.1.5.4.c	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated multiplication (e.g., models that are exponential such as savings accounts and early stages of population growth).	Ratio Problems
MA.9-10.1.5.4.c	Identify and use variable quantities to read and write expressions and equations to represent situations that can be described using repeated multiplication (e.g., models that are exponential such as savings accounts and early stages of population growth).	Writing a Function Rule
MA.9-10.1.5.4.d	Recognize and write equations in recursive form for additive models (e.g., starting value, $New = Old + \text{some number}$).	Arithmetic Sequences
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Mixture and Interest Problems
MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Rate and Mixture Problems

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MA.9-10.1.5.4.f	Select an expression or equation to represent a given real world situation.	Writing a Function Rule
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	A Product to a Power
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Dividing by a Monomial
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Dividing with Like Bases
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Exponents and Order of Operations
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Multiplying with Like Bases
MA.9-10.1.5.5.a	Simplify expressions and evaluate formulas involving exponents.	Simplifying Rational Expressions
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	A Product to a Power
MA.9-10.1.5.5.b	Justify a simplification of an expression involving exponents.	Multiplying with Like Bases
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Open Sentences
MA.9-10.1.5.5.c	Use multiple mathematical strategies and properties to simplify expressions.	Simplifying Expressions
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Literal Equations
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Proportions
MA.9-10.1.5.6.a	Rearrange formulas to solve for a particular variable (e.g., given $A = .5bh$, solve for h).	Using the LCD
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Addition Property of Equality
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Multiplication Property of Equality
MA.9-10.1.5.6.b	Solve real-world situations involving linear relationships and verify that the solution makes sense in relation to the problem.	Rate and Mixture Problems
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Fractional Coefficients
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Graphing Systems of Equations
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Matrices
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Money and Unit Pricing
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Solution of a System
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	The Elimination Method
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	The Substitution Method
MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Using Formulas

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MA.9-10.1.5.6.c	Find the solution to a system of linear equations using tables, graphs, and symbols.	Using Two Variables
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Fractional Coefficients
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Graphing Systems of Equations
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Matrices
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Money and Unit Pricing
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	The Elimination Method
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	The Substitution Method
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Using Formulas
MA.9-10.1.5.6.d	Interpret solutions of systems of equations.	Using Two Variables
MA.9-10.1.5.6.e	Solve multi-step equations.	Addition Property of Equality
MA.9-10.1.5.6.e	Solve multi-step equations.	Combining Like Terms
MA.9-10.1.5.6.e	Solve multi-step equations.	Equations with More than One Step
MA.9-10.1.5.6.e	Solve multi-step equations.	More than Two Unknowns
MA.9-10.1.5.6.e	Solve multi-step equations.	Multiplication Property of Equality
MA.9-10.1.5.6.e	Solve multi-step equations.	The Distributive Property
MA.9-10.1.5.6.e	Solve multi-step equations.	Two Unknowns
MA.9-10.1.5.6.e	Solve multi-step equations.	Using a Chart
MA.9-10.1.5.6.e	Solve multi-step equations.	Variables on Both Sides
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Fractional Coefficients
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Graphing Systems of Equations
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Matrices
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Money and Unit Pricing
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	The Elimination Method
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Using Formulas
MA.9-10.1.5.6.f	Use systems of equations to analyze and solve real-life problems.	Using Two Variables
MA.9-10.1.5.6.g	Determine when two linear options yield the same outcome (e.g., given two different investment or profit options, determine when both options will yield the same result).	Matrices
MA.9-10.1.5.6.g	Determine when two linear options yield the same outcome (e.g., given two different investment or profit options, determine when both options will yield the same result).	Solution of a System
MA.9-10.1.5.6.h	Use systems of equations to determine the most advantageous outcome given a situation (e.g., given two investment options, determine under what conditions each will yield the best result).	Graphing Systems of Equations
MA.9-10.1.5.6.h	Use systems of equations to determine the most advantageous outcome given a situation (e.g., given two investment options, determine under what conditions each will yield the best result).	Matrices
MA.9-10.2.1.1.a	Use strategies to become informed about the situation (e.g., listing information; examine the table for patterns; create a scatter plot to look for patterns; asking questions).	Using a Chart

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MA.9-10.2.1.1.d	Determine whether information is missing or extraneous (e.g., compare the list of known things to the list of needed things to see if there are things that are not needed).	Ratio Problems
MA.9-10.2.2.1.a	Organize relevant information from multiple sources (e.g., create a list of known and unknown information; create a scatter plot of men's and women's times vs. time on the same coordinate axis to analyze the patterns).	Ratio Problems
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Fractional Coefficients
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Graphing Systems of Equations
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Linear Equations
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Money and Unit Pricing
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	The Elimination Method

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MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Using Formulas
MA.9-10.2.2.1.b	Select and apply appropriate mathematical tools to devise a strategy in a situation (e.g., if the data, in either tabular or graphical form, suggest a linear relationship, plan to find a linear equation for each set of data; solve those equations simultaneously [or use technology to find the intersection of the two lines] to answer the question). If the data pattern suggests a non-linear model, plan to project what the pattern is and extend that pattern.	Using Two Variables
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Fractional Coefficients
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Graphing Systems of Equations
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Money and Unit Pricing
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	The Elimination Method
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Using Formulas
MA.9-10.2.2.2.a	Implement the plan devised to solve the problem (e.g., solve the set of simultaneous equations to arrive at a time where the two times are the same).	Using Two Variables
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Fractional Coefficients
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Graphing Systems of Equations
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Money and Unit Pricing
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	The Elimination Method
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Using Formulas
MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Using Two Variables

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MA.9-10.2.2.2.b	Use mathematics to solve the problem (e.g., use algebra to write equations for the two linear models, solve the system of equations using either symbols or technology).	Using a Chart
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Definitions and Nets
MA.9-10.3.1.1.a	Use the properties of two-dimensional and three-dimensional figures to solve mathematical problems (e.g., find the width of a river based on similar triangles; given a set of parallel lines, a transversal, and an angle, find the other angles).	Parallel Lines and Transversals
MA.9-10.3.2.1.a	Make and test conjectures about twodimensional and three-dimensional figures and their individual attributes and relationships using physical, symbolic, and technological models (e.g., diagonal of a rectangle or prism is the longest interior segment; what figures make up cross-sections of a given three-dimensional shape).	Definitions and Nets
MA.9-10.3.2.2.a	Compare and describe the volume of cylinders, cones, and prisms when an attribute is changed (e.g., the area of the base, the height of solid).	Volume
MA.9-10.3.2.2.c	Identify trends in a set of data in order to make a prediction based on the information.	Interpreting Data
MA.9-10.3.2.2.c	Identify trends in a set of data in order to make a prediction based on the information.	Project: Data Analysis
MA.9-10.3.2.2.d	Use statistics to support different points of view.	Project: Probability
MA.9-10.3.2.3.a	Examine claims and supporting arguments based on data and make needed revisions.	Interpreting Data
MA.9-10.3.3.2.a	Examine a set of data, research other sources to see if the data is consistent, find articles written to see if the data makes sense, to develop a logical point of view and to support that view.	Project: Data Analysis
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Probability
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Project: Data Analysis
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Project: Experimental Versus Theoretical Probability
MA.9-10.4.1.1.a	Collect data efficiently on the outcomes of first events and later events to determine and justify how the first event affects the probability of later events (e.g., drawing cards from a deck with or without replacement).	Project: Probability
MA.9-10.4.2.1.a	Develop an argument to support a given point of view and set of statistics.	Project: Probability
MA.9-10.4.2.2.b	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	The Coordinate Plane

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MA.9-10.4.2.2.b	Describe the location of points that satisfy given conditions (e.g., the set of points equidistant from a given point; a point equidistant from a given set of points).	The Midpoint Formula
MA.9-10.4.2.2.c	Describe and compare the impact that a change in one or more dimensions has on objects (e.g., doubling the edge of a cube affects the surface area).	The Cylinder and Sphere
MA.9-10.4.2.2.d	Explain the relationship between theoretical probability and empirical frequency of dependent events using simulations with and without technology.	Project: Experimental Versus Theoretical Probability
MA.9-10.5.1.1.a	Estimate derived units of measure (e.g., miles per hour, people/year, grams/cubic centimeters).	Rate and Mixture Problems
MA.9-10.5.1.1.b	Determine the final coordinates of a point after a series of transformations.	The Coordinate Plane
MA.9-10.5.1.2.a	Identify, interpret, and use the meaning of slope of a line as a rate of change using concrete, symbolic, and technological models.	Direct Variation
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Slope-Intercept Form
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (1)
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (2)
MA.9-10.5.1.2.c	Find the equation of a line in a variety of ways (e.g., from a table, graph, slopeintercept, point-slope, two points).	Writing Linear Equations (3)
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Fractional Coefficients
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Graphing Systems of Equations
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Matrices
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Money and Unit Pricing
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Solution of a System
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	The Elimination Method
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	The Substitution Method
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Using Formulas
MA.9-10.5.1.2.d	Find the solution to a system of linear equations using tables, graphs and symbols.	Using Two Variables
MA.9-10.5.2.1.a	Justify a prediction or an inference based on a set of data.	Project: Data Analysis
MA.9-10.5.3.1.b	Describe how changes in the dimensions of objects affect perimeter, area, and volume in real-world situations (e.g., how does the change in the diameter of an oil drum affect the area and volume).	The Trapezoid
MA.9-10.5.3.1.c	Represent situations on a coordinate grid or describe the location of points that satisfy given conditions (e.g., locate a gas station to be equidistant from given cities; locate a staking point to maximize the grazing area of a tethered goat).	The Coordinate Plane

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Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Algebra	
Section	Description	Lesson Title
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Money and Unit Pricing
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Ratio Problems
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Using Formulas
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Writing Equations from Word Problems
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Direct Variation
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Slope-Intercept Form
MA.9-12.A1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Direct Variation
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Direct Variation
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	Recognizing a Quadratic
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Direct Variation
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Variables and Expressions
MA.9-12.A1.2.B	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Writing Equations from Word Problems
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Adding and Subtracting Radicals
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Dividing Radicals
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Dividing by a Monomial
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Dividing with Like Bases
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Multiplying with Like Bases
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Expressions

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MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Rational Expressions
MA.9-12.A1.2.D	Determine whether approximations or exact values of real numbers are appropriate, depending on the context, and justify the selection.	Ratio Problems
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Out the GCF
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Trinomials
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Factoring by Grouping
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Perfect Cubes
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Simplifying Expressions
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Special Cases
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	The Distributive Property
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	The Greatest Common Factor
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Adding and Subtracting Polynomials
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Dividing by a Monomial
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	F.O.I.L. and Special Cases
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Long Division
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Multiplying all Polynomials
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Multiplying by a Monomial
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Multiplying with Like Bases
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Simplifying Expressions
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	Simplifying Rational Expressions
MA.9-12.A1.2.F	Add, subtract, multiply, and divide polynomials.	The Distributive Property
MA.9-12.A1.3.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Function Notation
MA.9-12.A1.3.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Identifying Functions
MA.9-12.A1.3.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Parent Functions
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Identifying Functions
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Function Notation
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Inequalities in Two Variables
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Multi-Step Inequalities
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Slope-Intercept Form

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MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	The Distributive Property
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Writing Equations from Word Problems
MA.9-12.A1.4.A	Write and solve linear equations and inequalities in one variable.	Writing Linear Equations (1)
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Commutative and Associative Properties
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope-Intercept Form
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Equations from Word Problems
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (1)
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (2)
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope-Intercept Form
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Fractional Coefficients
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Graphing Systems of Equations
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Inequalities in Two Variables
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Matrices
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Money and Unit Pricing
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Multi-Step Inequalities
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Solution of a System
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Systems of Inequalities
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	The Elimination Method
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	The Substitution Method
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Using Formulas
MA.9-12.A1.4.D	Write and solve systems of two linear equations and inequalities in two variables.	Using Two Variables

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MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Identifying Functions
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Reflecting a Parent Function
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Shifting a Parent Function
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Identifying Functions
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Open Sentences
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Recognizing a Quadratic
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Variables and Expressions
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Identifying Functions
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Recognizing a Quadratic
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	The Square Root Method
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	The Zero Product Property
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Factoring Trinomials
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Recognizing a Quadratic
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	The Square Root Method
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	The Zero Product Property
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Recognizing a Quadratic
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	The Square Root Method
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	The Zero Product Property

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MA.9-12.A1.6.B	Make valid inferences and draw conclusions based on data.	Interpreting Data
MA.9-12.A1.6.C	Describe how linear transformations affect the center and spread of univariate data.	Measures of Central Tendency
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Interpreting Data
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Writing Linear Equations (1)
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Writing Linear Equations (2)
MA.9-12.A1.6.E	Describe the correlation of data in scatterplots in terms of strong or weak and positive or negative.	Interpreting Data
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = abn$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Identifying Functions
MA.9-12.A1.7.B	Find and approximate solutions to exponential equations.	Combining Like Terms
MA.9-12.A1.7.C	Express arithmetic and geometric sequences in both explicit and recursive forms, translate between the two forms, explain how rate of change is represented in each form, and use the forms to find specific terms in the sequence.	Arithmetic Sequences
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Literal Equations
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Proportions
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	The Distributive Property
MA.9-12.A1.7.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Using the LCD
MA.9-12.A1.8.B	Select and apply strategies to solve problems.	Direct Variation
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Drawing Conclusions
MA.9-12.A1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Determining Logical Equivalence
Grade:	Geometry	
Section	Description	Lesson Title
MA.9-12.G.1.A	Distinguish between inductive and deductive reasoning.	Drawing Conclusions
MA.9-12.G.1.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Drawing Conclusions
MA.9-12.G.1.E	Identify errors or gaps in a mathematical argument and develop counterexamples to refute invalid statements about geometric relationships.	Drawing Conclusions

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MA.9-12.G.3.A	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Triangle Properties
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Congruence
MA.9-12.G.3.B	Determine and prove triangle congruence, triangle similarity, and other properties of triangles.	Triangle Properties
MA.9-12.G.3.F	Know, prove, and apply basic theorems about parallelograms.	Parallelograms
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Parallelograms
MA.9-12.G.3.J	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Definitions and Nets
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	The Midpoint Formula
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Writing Linear Equations (1)
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Writing Linear Equations (2)
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Parallelograms
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	The Circle
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Writing Linear Equations (1)
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Writing Linear Equations (2)
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Symmetry and Reflections
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Congruence

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MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Symmetry and Reflections
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Symmetry and Reflections
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Area and Sectors
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Central Angle and Arc Measure
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Surface Area
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	The Cylinder and Sphere
MA.9-12.G.6.C	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Volume
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	The Cylinder and Sphere
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	The Trapezoid
MA.9-12.G.6.D	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Volume
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Drawing Conclusions
MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Determining Logical Equivalence
Grade:	Algebra 2	
Section	Description	Lesson Title
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Money and Unit Pricing
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Ratio Problems
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	The Distributive Property
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	The Square Root Method
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Using Formulas
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Writing Equations from Word Problems
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Graphing Systems of Equations
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Matrices
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Money and Unit Pricing
MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Systems of Inequalities

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MA.9-12.A2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Using Formulas
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Direct Variation
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Recognizing a Quadratic
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Direct Variation
MA.9-12.A2.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$	Direct Variation
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Combining Like Terms
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Signed Numbers
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Dividing by a Monomial
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Dividing with Like Bases
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Multiplying and Dividing Rational Expressions
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Multiplying with Like Bases
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Expressions
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Rational Expressions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Adding and Subtracting Rational Expressions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiplying and Dividing Rational Expressions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Expressions
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Rational Expressions
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Commutative and Associative Properties
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Identifying Functions
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Recognizing a Quadratic
MA.9-12.A2.3.B	Determine the number and nature of the roots of a quadratic function.	Recognizing a Quadratic

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MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Multi-Step Inequalities
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Recognizing a Quadratic
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	The Square Root Method
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	The Zero Product Property
MA.9-12.A2.4.B	Graph an exponential function of the form $f(x) = abx$ and its inverse logarithmic function.	Identifying Functions
MA.9-12.A2.4.C	Solve exponential and logarithmic equations.	The Distributive Property
MA.9-12.A2.4.C	Solve exponential and logarithmic equations.	The Square Root Method
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Identifying Functions
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Identifying Functions
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Identifying Functions
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Identifying Functions
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Outcomes
MA.9-12.A2.6.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Probability
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Combinations
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Interpreting Data
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Recognizing a Quadratic
MA.9-12.A2.6.G	Calculate and interpret margin of error and confidence intervals for population proportions.	Outcomes
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Fractional Coefficients
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Graphing Systems of Equations
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Matrices
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Money and Unit Pricing
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Ratio Problems
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	The Elimination Method
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	The Substitution Method
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Using Formulas
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Using Two Variables
MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Writing Equations from Word Problems

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MA.9-12.A2.7.A	Solve systems of three equations with three variables.	Writing a Function Rule
MA.9-12.A2.7.B	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Arithmetic Sequences
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Drawing Conclusions
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Determining Logical Equivalence
Grade:	Mathematics 1	
Section	Description	Lesson Title
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Money and Unit Pricing
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Ratio Problems
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	The Distributive Property
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	The Square Root Method
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Using Formulas
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Writing Equations from Word Problems
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Direct Variation
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Slope-Intercept Form
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Graphing Systems of Equations
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Matrices
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Money and Unit Pricing
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Systems of Inequalities
MA.9-12.M1.1.C	Solve problems that can be represented by a system of two linear equations or inequalities.	Using Formulas
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Direct Variation
MA.9-12.M1.2.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Function Notation
MA.9-12.M1.2.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Identifying Functions
MA.9-12.M1.2.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Parent Functions
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Identifying Functions

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MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Function Notation
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Identifying Functions
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Inequalities in Two Variables
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Multi-Step Inequalities
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Slope-Intercept Form
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	The Distributive Property
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Writing Equations from Word Problems
MA.9-12.M1.3.A	Write and solve linear equations and inequalities in one variable.	Writing Linear Equations (1)
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Identifying Functions
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Reflecting a Parent Function
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Shifting a Parent Function
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope-Intercept Form
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Commutative and Associative Properties
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope-Intercept Form
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Equations from Word Problems
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (1)
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Writing Linear Equations (2)
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Fractional Coefficients

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MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Graphing Systems of Equations
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Inequalities in Two Variables
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Matrices
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Money and Unit Pricing
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Multi-Step Inequalities
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Solution of a System
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Systems of Inequalities
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	The Elimination Method
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	The Substitution Method
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Using Formulas
MA.9-12.M1.3.E	Write and solve systems of two linear equations and inequalities in two variables.	Using Two Variables
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Interpreting Data
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Writing Linear Equations (1)
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Writing Linear Equations (2)
MA.9-12.M1.3.G	Describe the correlation of data in scatterplots in terms of strong or weak and positive or negative.	Interpreting Data
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	The Midpoint Formula
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Writing Linear Equations (1)
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Writing Linear Equations (2)
MA.9-12.M1.4.A	Distinguish between inductive and deductive reasoning.	Drawing Conclusions

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MA.9-12.M1.4.B	Use inductive reasoning to make conjectures, to test the plausibility of a geometric statement, and to help find a counterexample.	Drawing Conclusions
MA.9-12.M1.5.B	Describe how linear transformations affect the center and spread of univariate data.	Measures of Central Tendency
MA.9-12.M1.5.C	Make valid inferences and draw conclusions based on data.	Interpreting Data
MA.9-12.M1.6.B	Determine whether approximations or exact values of real numbers are appropriate, depending on the context, and justify the selection.	Ratio Problems
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Variables and Expressions
MA.9-12.M1.6.C	Recognize the multiple uses of variables, determine all possible values of variables that satisfy prescribed conditions, and evaluate algebraic expressions that involve variables.	Writing Equations from Word Problems
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Literal Equations
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Proportions
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	The Distributive Property
MA.9-12.M1.6.D	Solve an equation involving several variables by expressing one variable in terms of the others.	Using the LCD
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Identifying Functions
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Adding and Subtracting Radicals
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Dividing Radicals
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Dividing by a Monomial
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Dividing with Like Bases
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Multiplying with Like Bases
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Expressions
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Simplifying Rational Expressions

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MA.9-12.M1.7.D	Express arithmetic and geometric sequences in both explicit and recursive forms, translate between the two forms, explain how rate of change is represented in each form, and use the forms to find specific terms in the sequence.	Arithmetic Sequences
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Drawing Conclusions
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Determining Logical Equivalence
Grade:	Mathematics 2	
Section	Description	Lesson Title
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Money and Unit Pricing
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Ratio Problems
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	The Distributive Property
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	The Square Root Method
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Using Formulas
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Writing Equations from Word Problems
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Graphing Systems of Equations
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Matrices
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Money and Unit Pricing
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Systems of Inequalities
MA.9-12.M2.1.B	Solve problems that can be represented by systems of equations and inequalities.	Using Formulas
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Direct Variation
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Recognizing a Quadratic
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Direct Variation
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Identifying Functions
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Recognizing a Quadratic
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Identifying Functions

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MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Recognizing a Quadratic
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	The Square Root Method
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	The Zero Product Property
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Commutative and Associative Properties
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Identifying Functions
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Recognizing a Quadratic
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Factoring Trinomials
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Recognizing a Quadratic
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	The Square Root Method
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	The Zero Product Property
MA.9-12.M2.2.E	Determine the number and nature of the roots of a quadratic function.	Recognizing a Quadratic
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Recognizing a Quadratic
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	The Square Root Method
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	The Zero Product Property
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Multi-Step Inequalities
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Recognizing a Quadratic
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	The Square Root Method
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	The Zero Product Property
MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Interpreting Data
MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Recognizing a Quadratic
MA.9-12.M2.3.B	Identify errors or gaps in a mathematical argument and develop counterexamples to refute invalid statements about geometric relationships.	Drawing Conclusions

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MA.9-12.M2.3.E	Know, explain, and apply basic postulates and theorems about triangles and the special lines, line segments, and rays associated with a triangle.	Triangle Properties
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Congruence
MA.9-12.M2.3.F	Determine and prove triangle congruence and other properties of triangles.	Triangle Properties
MA.9-12.M2.3.J	Know, prove, and apply basic theorems about parallelograms.	Parallelograms
MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Parallelograms
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Parallelograms
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Outcomes
MA.9-12.M2.4.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Probability
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Combinations
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Out the GCF
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Factoring Trinomials
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Factoring by Grouping
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Perfect Cubes
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Simplifying Expressions
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Special Cases
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	The Distributive Property
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	The Greatest Common Factor
MA.9-12.M2.5.D	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Arithmetic Sequences
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Drawing Conclusions
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Determining Logical Equivalence
Grade:	Mathematics 3	
Section	Description	Lesson Title
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Money and Unit Pricing
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Ratio Problems
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	The Distributive Property

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MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	The Square Root Method
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Using Formulas
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Writing Equations from Word Problems
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Writing a Function Rule
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Graphing Systems of Equations
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Matrices
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Money and Unit Pricing
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Systems of Inequalities
MA.9-12.M3.1.B	Solve problems that can be represented by systems of equations and inequalities.	Using Formulas
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Direct Variation
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Recognizing a Quadratic
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Direct Variation
MA.9-12.M3.1.E	Solve problems that can be represented by inverse variations of the forms $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx+c)$.	Direct Variation
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Symmetry and Reflections
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Congruence
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Symmetry and Reflections
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Symmetry and Reflections
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Identifying Functions
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Identifying Functions
MA.9-12.M3.3.C	Solve exponential and logarithmic equations.	The Distributive Property
MA.9-12.M3.3.C	Solve exponential and logarithmic equations.	The Square Root Method
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Identifying Functions

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MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Identifying Functions
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Identifying Functions
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Fractional Coefficients
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Graphing Systems of Equations
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Matrices
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Money and Unit Pricing
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Ratio Problems
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	The Elimination Method
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	The Substitution Method
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Using Formulas
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Using Two Variables
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Writing Equations from Word Problems
MA.9-12.M3.3.G	Solve systems of three equations with three variables.	Writing a Function Rule
MA.9-12.M3.4.B	Calculate and interpret margin of error and confidence intervals for population proportions.	Outcomes
MA.9-12.M3.5.B	Describe prisms, pyramids, parallelepipeds, tetrahedra, and regular polyhedra in terms of their faces, edges, vertices, and properties.	Definitions and Nets
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Surface Area
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	The Cylinder and Sphere
MA.9-12.M3.5.D	Apply formulas for surface area and volume of three-dimensional figures to solve problems.	Volume
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	The Cylinder and Sphere
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	The Trapezoid
MA.9-12.M3.5.E	Predict and verify the effect that changing one, two, or three linear dimensions has on perimeter, area, volume, or surface area of two- and three-dimensional figures.	Volume
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Combining Like Terms
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Signed Numbers
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Dividing by a Monomial
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Dividing with Like Bases
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Multiplying and Dividing Rational Expressions

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MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Multiplying with Like Bases
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Expressions
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Simplifying Rational Expressions
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Adding and Subtracting Polynomials
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Dividing by a Monomial
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	F.O.I.L. and Special Cases
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Long Division
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Multiplying all Polynomials
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Multiplying by a Monomial
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Multiplying with Like Bases
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Simplifying Expressions
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	Simplifying Rational Expressions
MA.9-12.M3.6.C	Add, subtract, multiply, and divide polynomials.	The Distributive Property
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Adding and Subtracting Rational Expressions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Multiplying and Dividing Rational Expressions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Expressions
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Simplifying Rational Expressions
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Central Angle and Arc Measure
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	The Circle
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Writing Linear Equations (1)
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Writing Linear Equations (2)
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Area and Sectors
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Central Angle and Arc Measure
MA.9-12.M3.8.B	Select and apply strategies to solve problems.	Direct Variation
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Drawing Conclusions
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Determining Logical Equivalence

**Alignment Report for Pre-calculus
Washington - Mathematics - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Mathematics	
Grade:	Grades: 9-10	
Grade:	Grades: 11-12	
Section	Description	Lesson Title
MA.11-12.1.1.1.b	Describe a situation that requires an irrational number and provide an example of an irrational number.	Applications
MA.11-12.1.1.1.b	Describe a situation that requires an irrational number and provide an example of an irrational number.	The Ellipse Applied
MA.11-12.1.1.1.c	Explain the meaning of negative integer exponents and provides examples.	Navigation Application
MA.11-12.1.1.1.c	Explain the meaning of negative integer exponents and provides examples.	The Ellipse Applied
MA.11-12.1.1.1.d	Explain the meaning of real numbers with rational exponents and provides examples.	Navigation Application
MA.11-12.1.1.1.d	Explain the meaning of real numbers with rational exponents and provides examples.	The Ellipse Applied
MA.11-12.1.1.5.b	Find the absolute value of numbers.	Special Angles
MA.11-12.1.1.5.d	Perform arithmetic operations with expressions involving absolute value.	Quotient Relations
MA.11-12.1.1.6.a	Compute using rational numbers.	Special Angles
MA.11-12.1.1.6.b	Compute using scientific notation.	Special Angles
MA.11-12.1.1.6.c	Compute using basic properties of exponents and logarithms to solve problems.	Special Angles
MA.11-12.1.1.6.d	Complete multi-step computations using the order of operations and the properties of operations (associative, commutative, distributive, etc.) using combinations of real numbers.	Special Angles
MA.11-12.1.1.7.a	Select and justify appropriate strategies and tools from among mental computation, estimation, calculators, manipulatives, and paper and pencil to compute in a given situation.	Special Angles
MA.11-12.1.1.7.b	Describe strategies for mentally solving problems using involving real numbers.	Navigation Application
MA.11-12.1.1.7.b	Describe strategies for mentally solving problems using involving real numbers.	The Ellipse Applied
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	Applications
MA.11-12.1.1.8.a	Select, explain, and justify situations involving real numbers where estimates are sufficient and others for which an exact value is required.	The Ellipse Applied
MA.11-12.1.1.8.b	Use estimation to predict or verify the reasonableness of calculated results.	Special Angles
MA.11-12.1.2.2.a	Use vectors to represent velocity and direction: multiply a vector by a scalar and adds vectors both algebraically and graphically.	Applied Problems
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Cosine of the Sum of Two Angles
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Definition of the Trigonometric Functions
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Quotient Relations

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Washington - Mathematics - Grades 9-12

MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Reduction Formulas
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Other Inverse Functions
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Reduction Formulas
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Review Mathematics 1207 and 1208
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	The Inverse Cosine Function
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	The Inverse Sine Function
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	The Inverse Tangent Function
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Cosine of the Sum of Two Angles
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Definition of the Trigonometric Functions
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	More Trigonometric Functions of Any Angle
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Quotient Relations
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Reduction Formulas
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Review Mathematics 1201 and 1202
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Review Mathematics 1203 and 1204
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Cosine of the Sum of Two Angles
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Definition of the Trigonometric Functions
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Quotient Relations
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Reduction Formulas
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Additional Sum and Difference Formulas
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Identities
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Pythagorean Relations

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Washington - Mathematics - Grades 9-12

MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Reciprocal Relations
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Trigonometric Identities
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Inclined Plane Application
MA.11-12.1.3.1.b	Recall and interpret definitions and basic properties of congruent and similar triangles, circles, quadrilaterals, polygons, parallel, perpendicular, and intersecting lines, and associated angle relationships.	Radian Measure
MA.11-12.1.3.1.c	Analyze properties of circles and spheres.	Radian Measure
MA.11-12.1.3.3.a	Use basic 2-D figures such as circles or polygons to represent objects essential to a situation.	Inclined Plane Application
MA.11-12.1.3.3.c	Introduce a coordinate system when useful for describing the position of objects in a situation.	Applications
MA.11-12.1.3.3.c	Introduce a coordinate system when useful for describing the position of objects in a situation.	Inclined Plane Application
MA.11-12.1.3.3.c	Introduce a coordinate system when useful for describing the position of objects in a situation.	Ordered-Pair Numbers: Relations
MA.11-12.1.3.3.c	Introduce a coordinate system when useful for describing the position of objects in a situation.	The Ellipse Applied
MA.11-12.1.3.3.e	Describe the relative location of objects based on their coordinates.	Converting Cartesian Equations to Polar Equations
MA.11-12.1.3.3.e	Describe the relative location of objects based on their coordinates.	Converting Polar Equations to Cartesian Equations
MA.11-12.1.3.3.e	Describe the relative location of objects based on their coordinates.	Graphing Polar Equations
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Addition of Probabilities
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Definitions, Sample Spaces, and Probability
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Multiplication of Probabilities
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Navigation Application
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	Review Mathematics 1209 and 1210
MA.11-12.1.4.2.a	Describe and apply the concepts of complementary, mutually exclusive, independent, and compound events.	The Ellipse Applied
MA.11-12.1.4.2.b	Describe and apply procedures for computing and comparing theoretical probabilities and empirical/experimental results.	Definitions, Sample Spaces, and Probability
MA.11-12.1.4.2.b	Describe and apply procedures for computing and comparing theoretical probabilities and empirical/experimental results.	Review Mathematics 1209 and 1210
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Circular Permutations

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Washington - Mathematics - Grades 9-12

MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Combinations
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Definitions
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Navigation Application
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Permutation of N Things: Different
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	Permutation of N Things: Not All Different
MA.11-12.1.4.2.c	Describe and apply procedures for counting techniques such as the Fundamental Counting Principle, permutations, and combinations.	The Ellipse Applied
MA.11-12.1.5.1.a	Evaluate functions to generate a graph.	Graphs of Sin and Cos
MA.11-12.1.5.1.a	Evaluate functions to generate a graph.	Ordered-Pair Numbers: Functions
MA.11-12.1.5.1.a	Evaluate functions to generate a graph.	Other Graphs
MA.11-12.1.5.1.a	Evaluate functions to generate a graph.	Review Mathematics 1201 and 1202
MA.11-12.1.5.1.a	Evaluate functions to generate a graph.	Review Mathematics 1203 and 1204
MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	Graphs of Sin and Cos
MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	Navigation Application
MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	Other Graphs
MA.11-12.1.5.1.b	Describe relationships between the algebraic features of a function and the features of its graph and/or its tabular representation.	The Ellipse Applied
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	2nd-Degree Functions: Solutions
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Graphs of Sin and Cos
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Linear Functions: Graphs
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Ordered-Pair Numbers: Rules of Corres.

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MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Other Graphs
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Translation
MA.11-12.1.5.1.c	Use simple transformations (horizontal and vertical shifts, reflections about axes, shrinks and stretches to create the graphs of new functions using linear, quadratic, and/ or absolute value functions.	Translation of Equations
MA.11-12.1.5.1.d	Algebraically construct new functions using addition and subtraction (e.g., profit function).	Algebra of Functions: Arithmetic
MA.11-12.1.5.1.d	Algebraically construct new functions using addition and subtraction (e.g., profit function).	Algebra of Functions: Composition
MA.11-12.1.5.1.d	Algebraically construct new functions using addition and subtraction (e.g., profit function).	Difference Quotient
MA.11-12.1.5.1.d	Algebraically construct new functions using addition and subtraction (e.g., profit function).	Evaluation of Functions
MA.11-12.1.5.1.e	Describe whether a relation, given verbal, symbolic, tabular, or graphical form is a function.	Review Mathematics 1201 and 1202
MA.11-12.1.5.1.f	Identify and analyze the general forms of linear, quadratic, reciprocal ($y=k/x$), exponential, or trigonometric functions.	2nd-Degree Functions: Solutions
MA.11-12.1.5.1.f	Identify and analyze the general forms of linear, quadratic, reciprocal ($y=k/x$), exponential, or trigonometric functions.	Exponential Function
MA.11-12.1.5.1.f	Identify and analyze the general forms of linear, quadratic, reciprocal ($y=k/x$), exponential, or trigonometric functions.	Graphing Polar Coordinates
MA.11-12.1.5.1.f	Identify and analyze the general forms of linear, quadratic, reciprocal ($y=k/x$), exponential, or trigonometric functions.	Linear Functions: Graphs
MA.11-12.1.5.1.f	Identify and analyze the general forms of linear, quadratic, reciprocal ($y=k/x$), exponential, or trigonometric functions.	Ordered-Pair Numbers: Rules of Corres.
MA.11-12.1.5.1.g	Identify patterns in the function's rate of change, identifying intervals of increase, decrease, constancy, and, if possible, relate them to the function's description in words or graphically (using graphing calculator).	Navigation Application
MA.11-12.1.5.1.g	Identify patterns in the function's rate of change, identifying intervals of increase, decrease, constancy, and, if possible, relate them to the function's description in words or graphically (using graphing calculator).	The Ellipse Applied
MA.11-12.1.5.1.h	Identify y-intercepts and zeros using symbols, graphs, and tables.	Graphs of Sin and Cos
MA.11-12.1.5.1.h	Identify y-intercepts and zeros using symbols, graphs, and tables.	Other Graphs
MA.11-12.1.5.1.i	Identify extrema and trends using graphs and tables.	Graphs of Sin and Cos
MA.11-12.1.5.1.i	Identify extrema and trends using graphs and tables.	Other Graphs
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Ordered-Pair Numbers: Relations
MA.11-12.1.5.2.a	Determine an equation from a set of ordered pairs.	Special Angles
MA.11-12.1.5.3.a	Recognize whether a relationship given in a symbolic, graphical, or tabular form is a function.	Review Mathematics 1201 and 1202
MA.11-12.1.5.3.c	Understand and interpret function notation, particularly as it relates of graphic displays of data.	Algebra of Functions: Notation
MA.11-12.1.5.3.c	Understand and interpret function notation, particularly as it relates of graphic displays of data.	Functional Notation

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MA.11-12.1.5.4.a	Explain the distinction between factor and term.	Navigation Application
MA.11-12.1.5.4.a	Explain the distinction between factor and term.	The Ellipse Applied
MA.11-12.1.5.4.b	Explain the distinction between expression and equation.	Navigation Application
MA.11-12.1.5.4.b	Explain the distinction between expression and equation.	The Ellipse Applied
MA.11-12.1.5.4.c	Explain the distinction between simplify and solve.	Navigation Application
MA.11-12.1.5.4.c	Explain the distinction between simplify and solve.	The Ellipse Applied
MA.11-12.1.5.4.d	Know what it means to have a solution to an equation.	Relationships Between Zeros and Coefficients
MA.11-12.1.5.4.f	Use appropriate properties to simplify an expression, resulting in an equivalent expression.	Quotient Relations
MA.11-12.1.5.4.h	Find an equation of a circle given its center and radius and, given an equation of a circle, finds its center and radius.	Equation from Three Points
MA.11-12.1.5.4.h	Find an equation of a circle given its center and radius and, given an equation of a circle, finds its center and radius.	Equation from Three Points Applied
MA.11-12.1.5.4.h	Find an equation of a circle given its center and radius and, given an equation of a circle, finds its center and radius.	The Circle Continued
MA.11-12.1.5.5.f	Simplify products and quotients of single-term expressions with rational exponents	Quotient Relations
MA.11-12.1.5.6.f	Use a variety of strategies to solve quadratic equations including those with irrational solutions and recognize when solutions are non-real.	Relationships Between Zeros and Coefficients
MA.11-12.1.5.6.f	Use a variety of strategies to solve quadratic equations including those with irrational solutions and recognize when solutions are non-real.	Review Mathematics 1207 and 1208
MA.11-12.1.5.6.h	Solve exponential equations in one variable (numerically, graphically).	Converting Cartesian Equations to Polar Equations
MA.11-12.1.5.6.h	Solve exponential equations in one variable (numerically, graphically).	Converting Polar Equations to Cartesian Equations
MA.11-12.1.5.6.h	Solve exponential equations in one variable (numerically, graphically).	Graphing Polar Equations
MA.11-12.1.5.6.i	Solve rational equations in one variable that can be transformed into an equivalent linear or quadratic equation (limited to monomial or binomial denominators).	Review Mathematics 1207 and 1208
MA.11-12.2.2.4.a	Execute a plan to solve the problem.	Function Combinations
MA.11-12.2.2.4.b	Evaluate and revise the solution method when it appears unlikely to produce a reasonable or suitably accurate result.	Relationships Between Zeros and Coefficients
MA.11-12.2.2.4.c	Evaluate potential solutions for appropriateness, accuracy, and suitability to the context of the original problem.	Relationships Between Zeros and Coefficients
MA.11-12.2.2.4.d	Provide oral, written, and/or symbolic explanations of the reasoning used to obtain a solution.	Navigation Application
MA.11-12.2.2.4.d	Provide oral, written, and/or symbolic explanations of the reasoning used to obtain a solution.	The Ellipse Applied
MA.11-12.2.2.4.e	Make and justify a multi-step mathematical argument providing appropriate evidence at each step.	Special Angles
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Review Mathematics 1201 and 1202
MA.11-12.3.1.1.a	Choose a function suitable for modeling a real world situation presented using words or data.	Review Mathematics 1203 and 1204

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Washington - Mathematics - Grades 9-12**

MA.11-12.3.1.1.c	Abstract mathematical models from word problems and interpret solutions in the context of these source problems.	Applications
MA.11-12.3.1.1.c	Abstract mathematical models from word problems and interpret solutions in the context of these source problems.	Relationships Between Zeros and Coefficients
MA.11-12.3.1.1.c	Abstract mathematical models from word problems and interpret solutions in the context of these source problems.	The Ellipse Applied
MA.11-12.3.1.1.d	Identify and justify whether a result obtained from a function model has real world significance.	Applications
MA.11-12.3.1.1.d	Identify and justify whether a result obtained from a function model has real world significance.	The Ellipse Applied
MA.11-12.4.2.1.c	Use correct mathematical symbols, terminology, and notation.	Navigation Application
MA.11-12.4.2.1.c	Use correct mathematical symbols, terminology, and notation.	The Ellipse Applied
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Navigation Application
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	The Ellipse Applied
MA.11-12.4.2.2.b	Recognize and explain the meaning of information presented using mathematical notation.	Navigation Application
MA.11-12.4.2.2.b	Recognize and explain the meaning of information presented using mathematical notation.	The Ellipse Applied
MA.11-12.4.2.2.c	Formulate symbolic representations for situations described in everyday language.	Applications
MA.11-12.4.2.2.c	Formulate symbolic representations for situations described in everyday language.	The Ellipse Applied
MA.11-12.4.2.3.a	Develop explanations that are appropriate to the needs of the audience and the situation.	Navigation Application
MA.11-12.4.2.3.a	Develop explanations that are appropriate to the needs of the audience and the situation.	The Ellipse Applied
MA.11-12.4.2.3.b	Use appropriate details or evidence to support the explanation.	Navigation Application
MA.11-12.4.2.3.b	Use appropriate details or evidence to support the explanation.	The Ellipse Applied
MA.11-12.5.1.1.b	Use multiple representations to demonstrate understanding of links between math and other disciplines, and real world situations.	Applications
MA.11-12.5.1.1.b	Use multiple representations to demonstrate understanding of links between math and other disciplines, and real world situations.	The Ellipse Applied
MA.11-12.5.1.1.c	Connect mathematical definitions and procedures with underlying math concepts.	Navigation Application
MA.11-12.5.1.1.c	Connect mathematical definitions and procedures with underlying math concepts.	Special Angles
MA.11-12.5.1.1.c	Connect mathematical definitions and procedures with underlying math concepts.	The Ellipse Applied
MA.11-12.5.1.1.d	Transfer mathematical vocabulary, concepts, and procedures to other disciplinary contexts and the real world.	Applications
MA.11-12.5.1.1.d	Transfer mathematical vocabulary, concepts, and procedures to other disciplinary contexts and the real world.	The Ellipse Applied

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MA.11-12.5.1.1.e	Construct procedures and concepts from mathematical definitions.	Navigation Application
MA.11-12.5.1.1.e	Construct procedures and concepts from mathematical definitions.	The Ellipse Applied
MA.11-12.5.1.2.b	Describe geometric objects and shapes algebraically.	Inclined Plane Application
MA.11-12.5.3.1.b	Recognize patterns and apply mathematical concepts and procedures in other subject areas and real world situations.	Applications
MA.11-12.5.3.1.b	Recognize patterns and apply mathematical concepts and procedures in other subject areas and real world situations.	The Ellipse Applied
Subject:	Mathematics	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Algebra	
Section	Description	Lesson Title
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1201 and 1202
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1203 and 1204
MA.9-12.A1.1.A	Select and justify functions and equations to model and solve problems.	Special Angles
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Linear Functions: Graphs
MA.9-12.A1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.A1.1.D	Solve problems that can be represented by quadratic functions and equations.	2nd-Degree Functions: Solutions
MA.9-12.A1.1.E	Solve problems that can be represented by exponential functions and equations.	Exponential Function
MA.9-12.A1.2.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Quotient Relations
MA.9-12.A1.3.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Ordered-Pair Numbers: Relations
MA.9-12.A1.3.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Review Mathematics 1201 and 1202
MA.9-12.A1.3.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Review Mathematics 1203 and 1204
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Graphs of Sin and Cos
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Other Graphs
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Review Mathematics 1201 and 1202
MA.9-12.A1.3.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Review Mathematics 1203 and 1204

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MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Algebra of Functions: Notation
MA.9-12.A1.3.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Functional Notation
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope of a Line
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Linear Functions: Graphs
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.A1.4.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope of a Line
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Graphs of Sin and Cos
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Linear Functions: Graphs
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Ordered-Pair Numbers: Functions
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.A1.4.E	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Other Graphs
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	2nd-Degree Functions: Solutions
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Graphs of Sin and Cos
MA.9-12.A1.5.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Other Graphs
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	2nd-Degree Functions: Solutions
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Graphs of Sin and Cos

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MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Other Graphs
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Review Mathematics 1207 and 1208
MA.9-12.A1.5.C	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Review Mathematics 1207 and 1208
MA.9-12.A1.5.D	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Review Mathematics 1207 and 1208
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Linear Functions: Graphs
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.A1.6.D	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Slope of a Line
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Exponential Function
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Graphs of Sin and Cos
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Navigation Application
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Ordered-Pair Numbers: Functions
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Other Graphs
MA.9-12.A1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	The Ellipse Applied

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MA.9-12.A1.8.A	Analyze a problem situation and represent it mathematically.	Function Combinations
MA.9-12.A1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Relationships Between Zeros and Coefficients
MA.9-12.A1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Navigation Application
MA.9-12.A1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	The Ellipse Applied
MA.9-12.A1.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	Navigation Application
MA.9-12.A1.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	The Ellipse Applied
Grade:	Geometry	
Section	Description	Lesson Title
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Cosine of the Sum of Two Angles
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Definition of the Trigonometric Functions
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Quotient Relations
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Reduction Formulas
MA.9-12.G.3.G	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Inclined Plane Application
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Equation from Three Points
MA.9-12.G.3.I	Explain and perform constructions related to the circle.	Equation from Three Points Applied
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Converting Cartesian Equations to Polar Equations
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Converting Polar Equations to Cartesian Equations
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Graphing Polar Equations
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Inclined Plane Application
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Converting Cartesian Equations to Polar Equations
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Converting Polar Equations to Cartesian Equations
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Equation from Three Points
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Equation from Three Points Applied

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MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Graphing Polar Equations
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	The Circle Continued
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Inclined Plane Application
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse Applied
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse: General Form
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse: Standard Form
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Parabola
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Inclined Plane Application
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Rotation
MA.9-12.G.5.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Rotation of Equations
MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Rotation

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MA.9-12.G.5.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Rotation of Equations
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Equation from Three Points
MA.9-12.G.6.A	Derive and apply formulas for arc length and area of a sector of a circle.	Equation from Three Points Applied
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Applications
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	The Ellipse Applied
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Relationships Between Zeros and Coefficients
MA.9-12.G.7.A	Analyze a problem situation and represent it mathematically.	Function Combinations
MA.9-12.G.7.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Relationships Between Zeros and Coefficients
MA.9-12.G.7.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Navigation Application
MA.9-12.G.7.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	The Ellipse Applied
MA.9-12.G.7.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	Navigation Application
MA.9-12.G.7.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	The Ellipse Applied
Grade:	Algebra 2	
Section	Description	Lesson Title
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1201 and 1202
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1203 and 1204
MA.9-12.A2.1.A	Select and justify functions and equations to model and solve problems.	Special Angles
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	2nd-Degree Functions: Solutions
MA.9-12.A2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Inequalities
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Exponential Function
MA.9-12.A2.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Logarithmic Function
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Circular Permutations
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Combinations
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Definitions
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Function Combinations
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Permutation of N Things: Different
MA.9-12.A2.1.F	Solve problems involving combinations and permutations.	Permutation of N Things: Not All Different
MA.9-12.A2.2.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Quotient Relations

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MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Difference Quotient
MA.9-12.A2.2.C	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Quotient Relations
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	2nd-Degree Functions: Solutions
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Graphs of Sin and Cos
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Other Graphs
MA.9-12.A2.3.B	Determine the number and nature of the roots of a quadratic function.	2nd-Degree Functions: Solutions
MA.9-12.A2.3.B	Determine the number and nature of the roots of a quadratic function.	Relationships Between Zeros and Coefficients
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Inequalities
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Review Mathematics 1207 and 1208
MA.9-12.A2.4.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Exponential Function
MA.9-12.A2.4.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Logarithmic Function
MA.9-12.A2.4.B	Graph an exponential function of the form $f(x) = abx$ and its inverse logarithmic function.	Exponential Function
MA.9-12.A2.4.B	Graph an exponential function of the form $f(x) = abx$ and its inverse logarithmic function.	Graphs of Sin and Cos
MA.9-12.A2.4.B	Graph an exponential function of the form $f(x) = abx$ and its inverse logarithmic function.	Logarithmic Function
MA.9-12.A2.4.B	Graph an exponential function of the form $f(x) = abx$ and its inverse logarithmic function.	Other Graphs
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Algebra of Functions: Arithmetic
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Algebra of Functions: Composition
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Difference Quotient
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Evaluation of Functions
MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Graphs of Sin and Cos

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MA.9-12.A2.5.A	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Other Graphs
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Graphs of Sin and Cos
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Other Graphs
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse Applied
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse: General Form
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse: Standard Form
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Parabola
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Difference Quotient
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Graphs of Sin and Cos
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Other Graphs
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse Applied
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse: General Form
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse: Standard Form
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	The Parabola
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Graphs of Sin and Cos

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MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Other Graphs
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Polynomial Functions
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse Applied
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse: General Form
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse: Standard Form
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Parabola
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Addition of Probabilities
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Definitions, Sample Spaces, and Probability
MA.9-12.A2.6.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Review Mathematics 1209 and 1210
MA.9-12.A2.6.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Addition of Probabilities
MA.9-12.A2.6.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Definitions, Sample Spaces, and Probability
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Addition of Probabilities
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Circular Permutations
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Combinations

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MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Definitions
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Definitions, Sample Spaces, and Probability
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Multiplication of Probabilities
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Permutation of N Things: Different
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Permutation of N Things: Not All Different
MA.9-12.A2.6.C	Compute permutations and combinations, and use the results to calculate probabilities.	Review Mathematics 1209 and 1210
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	2nd-Degree Functions: Solutions
MA.9-12.A2.6.E	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Exponential Function
MA.9-12.A2.7.B	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Summation
MA.9-12.A2.8.A	Analyze a problem situation and represent it mathematically.	Function Combinations
MA.9-12.A2.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Relationships Between Zeros and Coefficients
MA.9-12.A2.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Navigation Application
MA.9-12.A2.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	The Ellipse Applied
MA.9-12.A2.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	Navigation Application
MA.9-12.A2.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	The Ellipse Applied
Grade:	Mathematics 1	
Section	Description	Lesson Title
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1201 and 1202
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1203 and 1204
MA.9-12.M1.1.A	Select and justify functions and equations to model and solve problems.	Special Angles
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Linear Functions: Graphs
MA.9-12.M1.1.B	Solve problems that can be represented by linear functions, equations, and inequalities.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.M1.1.D	Solve problems that can be represented by exponential functions and equations.	Exponential Function
MA.9-12.M1.2.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Ordered-Pair Numbers: Relations
MA.9-12.M1.2.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Review Mathematics 1201 and 1202

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MA.9-12.M1.2.A	Determine whether a relationship is a function and identify the domain, range, roots, and independent and dependent variables.	Review Mathematics 1203 and 1204
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Graphs of Sin and Cos
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Other Graphs
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Review Mathematics 1201 and 1202
MA.9-12.M1.2.B	Represent a function with a symbolic expression, as a graph, in a table, and using words, and make connections among these representations.	Review Mathematics 1203 and 1204
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Algebra of Functions: Notation
MA.9-12.M1.2.C	Evaluate $f(x)$ at a (i.e., $f(a)$) and solve for x in the equation $f(x) = b$.	Functional Notation
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Difference Quotient
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Graphs of Sin and Cos
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Other Graphs
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	The Ellipse
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	The Ellipse Applied
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	The Ellipse: General Form
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	The Ellipse: Standard Form
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	The Parabola
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Graphs of Sin and Cos
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Linear Functions: Graphs
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Ordered-Pair Numbers: Functions
MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Ordered-Pair Numbers: Rules of Corres.

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MA.9-12.M1.3.B	Describe how changes in the parameters of linear functions and functions containing an absolute value of a linear expression affect their graphs and the relationships they represent.	Other Graphs
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Linear Functions: Graphs
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.M1.3.C	Identify and interpret the slope and intercepts of a linear function, including equations for parallel and perpendicular lines.	Slope of a Line
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Slope of a Line
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Linear Functions: Graphs
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.M1.3.F	Find the equation of a linear function that best fits bivariate data that are linearly related, interpret the slope and y-intercept of the line, and use the equation to make predictions.	Slope of a Line
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Exponential Function
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Graphs of Sin and Cos
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Navigation Application
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Ordered-Pair Numbers: Functions
MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	Other Graphs

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MA.9-12.M1.7.A	Sketch the graph for an exponential function of the form $y = ab^n$ to the n power where n is an integer, describe the effects that changes in the parameters a and b have on the graph, and answer questions that arise in situations modeled by exponential functions.	The Ellipse Applied
MA.9-12.M1.7.C	Interpret and use integer exponents and square and cube roots, and apply the laws and properties of exponents to simplify and evaluate exponential expressions.	Quotient Relations
MA.9-12.M1.8.A	Analyze a problem situation and represent it mathematically.)	Function Combinations
MA.9-12.M1.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Relationships Between Zeros and Coefficients
MA.9-12.M1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Navigation Application
MA.9-12.M1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	The Ellipse Applied
MA.9-12.M1.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	Navigation Application
MA.9-12.M1.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	The Ellipse Applied
Grade:	Mathematics 2	
Section	Description	Lesson Title
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1201 and 1202
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1203 and 1204
MA.9-12.M2.1.A	Select and justify functions and equations to model and solve problems.	Special Angles
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	2nd-Degree Functions: Solutions
MA.9-12.M2.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Inequalities
MA.9-12.M2.1.D	Solve problems that can be represented by exponential functions and equations.	Exponential Function
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Circular Permutations
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Combinations
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Definitions
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Function Combinations
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Permutation of N Things: Different
MA.9-12.M2.1.E	Solve problems involving combinations and permutations.	Permutation of N Things: Not All Different
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	2nd-Degree Functions: Solutions
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Graphs of Sin and Cos
MA.9-12.M2.2.A	Represent a quadratic function with a symbolic expression, as a graph, in a table, and with a description, and make connections among the representations.	Other Graphs

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MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	2nd-Degree Functions: Solutions
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Graphs of Sin and Cos
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Other Graphs
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Review Mathematics 1207 and 1208
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	2nd-Degree Functions: Solutions
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Graphs of Sin and Cos
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Ordered-Pair Numbers: Rules of Corres.
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Other Graphs
MA.9-12.M2.2.D	Solve quadratic equations that can be factored as $(ax + b)(cx + d)$ where a, b, c, and d are integers.	Review Mathematics 1207 and 1208
MA.9-12.M2.2.E	Determine the number and nature of the roots of a quadratic function.	2nd-Degree Functions: Solutions
MA.9-12.M2.2.E	Determine the number and nature of the roots of a quadratic function.	Relationships Between Zeros and Coefficients
MA.9-12.M2.2.F	Solve quadratic equations that have real roots by completing the square and by using the quadratic formula.	Review Mathematics 1207 and 1208
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Quadratic Inequalities
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Review Mathematics 1207 and 1208
MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	2nd-Degree Functions: Solutions
MA.9-12.M2.2.H	Determine if a bivariate data set can be better modeled with an exponential or a quadratic function and use the model to make predictions.	Exponential Function
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Cosine of the Sum of Two Angles
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Definition of the Trigonometric Functions
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Quotient Relations
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Reduction Formulas

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MA.9-12.M2.3.K	Know, prove, and apply theorems about properties of quadrilaterals and other polygons.	Inclined Plane Application
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Converting Cartesian Equations to Polar Equations
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Converting Polar Equations to Cartesian Equations
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Graphing Polar Equations
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Inclined Plane Application
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Addition of Probabilities
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Definitions, Sample Spaces, and Probability
MA.9-12.M2.4.A	Apply the fundamental counting principle and the ideas of order and replacement to calculate probabilities in situations arising from two-stage experiments (compound events).	Review Mathematics 1209 and 1210
MA.9-12.M2.4.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Addition of Probabilities
MA.9-12.M2.4.B	Given a finite sample space consisting of equally likely outcomes and containing events A and B, determine whether A and B are independent or dependent, and find the conditional probability of A given B.	Definitions, Sample Spaces, and Probability
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Addition of Probabilities
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Circular Permutations
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Combinations
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Definitions
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Definitions, Sample Spaces, and Probability
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Multiplication of Probabilities
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Permutation of N Things: Different
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Permutation of N Things: Not All Different
MA.9-12.M2.4.C	Compute permutations and combinations, and use the results to calculate probabilities.	Review Mathematics 1209 and 1210
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Relationships Between Zeros and Coefficients
MA.9-12.M2.5.D	Find the terms and partial sums of arithmetic and geometric series and the infinite sum for geometric series.	Summation

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MA.9-12.M2.6.A	Analyze a problem situation and represent it mathematically.	Function Combinations
MA.9-12.M2.6.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Relationships Between Zeros and Coefficients
MA.9-12.M2.6.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Navigation Application
MA.9-12.M2.6.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	The Ellipse Applied
MA.9-12.M2.6.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	Navigation Application
MA.9-12.M2.6.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	The Ellipse Applied
Grade:	Mathematics 3	
Section	Description	Lesson Title
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1201 and 1202
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Review Mathematics 1203 and 1204
MA.9-12.M3.1.A	Select and justify functions and equations to model and solve problems.	Special Angles
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	2nd-Degree Functions: Solutions
MA.9-12.M3.1.C	Solve problems that can be represented by quadratic functions, equations, and inequalities.	Quadratic Inequalities
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Exponential Function
MA.9-12.M3.1.D	Solve problems that can be represented by exponential and logarithmic functions and equations.	Logarithmic Function
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Inclined Plane Application
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse Applied
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse: General Form
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Ellipse: Standard Form

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MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	The Parabola
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Inclined Plane Application
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Rotation
MA.9-12.M3.2.C	Given two congruent or similar figures in a coordinate plane, describe a composition of translations, reflections, rotations, and dilations that superimposes one figure on the other.	Rotation of Equations
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Rotation
MA.9-12.M3.2.D	Describe the symmetries of two-dimensional figures and describe transformations, including reflections across a line and rotations about a point.	Rotation of Equations
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Algebra of Functions: Arithmetic
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Algebra of Functions: Composition
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Difference Quotient
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Evaluation of Functions
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Graphs of Sin and Cos
MA.9-12.M3.2.E	Construct new functions using the transformations $f(x - h)$, $f(x) + k$, $cf(x)$, and by adding and subtracting functions, and describe the effect on the original graph(s).	Other Graphs
MA.9-12.M3.3.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Algebra of Functions: Inverse
MA.9-12.M3.3.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Exponential Function
MA.9-12.M3.3.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Function Combinations
MA.9-12.M3.3.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Logarithmic Function

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MA.9-12.M3.3.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Ordered-Pair Numbers: Functions
MA.9-12.M3.3.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Review Mathematics 1201 and 1202
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Algebra of Functions: Inverse
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Exponential Function
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Function Combinations
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Graphs of Sin and Cos
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Logarithmic Function
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Other Graphs
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Graphs of Sin and Cos
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Other Graphs
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse Applied
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse: General Form
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Ellipse: Standard Form
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	The Parabola
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Difference Quotient
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Graphs of Sin and Cos
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Other Graphs
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse Applied

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MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse: General Form
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	The Ellipse: Standard Form
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	The Parabola
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Graphs of Sin and Cos
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Other Graphs
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Polynomial Functions
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse Applied
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse: General Form
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Ellipse: Standard Form
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	The Parabola
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Applications
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	The Ellipse Applied
MA.9-12.M3.6.B	Use the laws of exponents to simplify and evaluate numeric and algebraic expressions that contain rational exponents.	Quotient Relations
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Difference Quotient
MA.9-12.M3.6.D	Add, subtract, multiply, divide, and simplify rational and more general algebraic expressions.	Quotient Relations
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Definition of the Trigonometric Functions

Alignment Report for Pre-calculus
Washington - Mathematics - Grades 9-12

MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Equation from Three Points
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Equation from Three Points Applied
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Quotient Relations
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Radian Measure
MA.9-12.M3.7.A	Know, prove, and apply basic theorems relating circles to tangents, chords, radii, secants, and inscribed angles.	Reduction Formulas
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Converting Cartesian Equations to Polar Equations
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Converting Polar Equations to Cartesian Equations
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Equation from Three Points
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Equation from Three Points Applied
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Graphing Polar Equations
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	The Circle Continued
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Equation from Three Points
MA.9-12.M3.7.C	Explain and perform constructions related to the circle.	Equation from Three Points Applied
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Equation from Three Points
MA.9-12.M3.7.D	Derive and apply formulas for arc length and area of a sector of a circle.	Equation from Three Points Applied
MA.9-12.M3.8.A	Analyze a problem situation and represent it mathematically.	Function Combinations
MA.9-12.M3.8.C	Evaluate a solution for reasonableness, verify its accuracy, and interpret the solution in the context of the original problem.	Relationships Between Zeros and Coefficients
MA.9-12.M3.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Navigation Application
MA.9-12.M3.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	The Ellipse Applied
MA.9-12.M3.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	Navigation Application
MA.9-12.M3.8.F	Summarize mathematical ideas with precision and efficiency for a given audience and purpose.	The Ellipse Applied

**Alignment Report for Trigonometry
Washington - Mathematics - Grades 9-12**

State: Washington
Standard: Grade Level Expectations
Subject: Mathematics
Grade: Grades: 9-10
Grade: Grades: 11-12

Section	Description	Lesson Title
MA.11-12.1.2.2.a	Use vectors to represent velocity and direction: multiply a vector by a scalar and adds vectors both algebraically and graphically.	Introduction to Vectors
MA.11-12.1.2.2.a	Use vectors to represent velocity and direction: multiply a vector by a scalar and adds vectors both algebraically and graphically.	Navigation Application
MA.11-12.1.2.2.a	Use vectors to represent velocity and direction: multiply a vector by a scalar and adds vectors both algebraically and graphically.	Vector Components
MA.11-12.1.2.2.a	Use vectors to represent velocity and direction: multiply a vector by a scalar and adds vectors both algebraically and graphically.	Vector Multiplication
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Radian Measure
MA.11-12.1.2.5.a	Use sine, cosine or tangent to find unknown distances and angles.	Tangent Addition Formula
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Inverse Functions
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Inverse Reciprocal Functions
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Radian Measure
MA.11-12.1.2.5.b	Use the inverse of sine, cosine, or tangent to find the measure of a missing angle.	Tangent Addition Formula
MA.11-12.1.2.5.c	Recognize the dependence of definitions of the trigonometric relations (sine, cosine and tangent) on the properties of similar triangles.	Tangent Addition Formula
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Angle Measures
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Radian Measure
MA.11-12.1.2.5.d	Use sine, cosine or tangent in a right triangle to solve problems about measure of angles.	Tangent Addition Formula
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Converting Between Products and Sums
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Cosine Addition Formula
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Double-Angle Formulas
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Half-Angle Formulas
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Project: Solving Equations Graphically

Alignment Report for Trigonometry
Washington - Mathematics - Grades 9-12

MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Proving Identities
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Pythagorean Identities
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Radian Measure
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Sine Addition Formula
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	Tangent Addition Formula
MA.11-12.1.2.5.e	Interpret and use the identity $\sin^2(\theta) + \cos^2(\theta) = 1$ for angles between 0° and 90° ; recognize this identity as a special representation of the Pythagorean Theorem.	The Fundamental Trigonometric Identities
MA.11-12.1.3.2.e	Use the Pythagorean Theorem (or distance formula) in 2-D and 3-D situations when appropriate to compute unknown distances.	Lengths of Sides
MA.11-12.1.3.3.c	Introduce a coordinate system when useful for describing the position of objects in a situation.	Introduction to Polar Coordinates
MA.11-12.1.3.3.e	Describe the relative location of objects based on their coordinates.	Introduction to Polar Coordinates
MA.11-12.1.5.3.b	Determine the domain of the function.	Graphing and Amplitude
MA.11-12.1.5.3.c	Understand and interpret function notation, particularly as it relates of graphic displays of data.	Project: Adding Waves
MA.11-12.1.5.4.e	Use properties of equality to solve an equation through a series of equivalent equations.	Reciprocal Functions
MA.11-12.1.5.6.f	Use a variety of strategies to solve quadratic equations including those with irrational solutions and recognize when solutions are non-real.	Multiply and Divide Complex Numbers
MA.11-12.1.5.6.h	Solve exponential equations in one variable (numerically, graphically).	Project: Graphing in the Polar Plane
MA.11-12.4.2.2.a	Summarize and interprets many different types of graphs.	Polar Curves
Subject:	Mathematics	
Standard:	Learning Standards	
Subject:	Mathematics	
Grade:	Algebra	
Section	Description	Lesson Title
MA.9-12.A1.2.E	Use algebraic properties to factor and combine like terms in polynomials.	Reciprocal Functions
MA.9-12.A1.4.B	Write and graph an equation for a line given the slope and the yintercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Polar Curves
MA.9-12.A1.5.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Polar Curves
MA.9-12.A1.7.B	Find and approximate solutions to exponential equations.	Trigonometric Equations: Part II
MA.9-12.A1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Polar Curves

Alignment Report for Trigonometry
Washington - Mathematics - Grades 9-12

MA.9-12.A.1.8.H	Use inductive reasoning about algebra and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Heron's Formula
Grade:	Geometry	
Section	Description	Lesson Title
MA.9-12.G.3.D	Know, prove, and apply the Pythagorean Theorem and its converse.	Lengths of Sides
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Angle Measures
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Indirect Measure
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Lengths of Sides
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Reciprocal Functions
MA.9-12.G.3.E	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Tangent Addition Formula
MA.9-12.G.4.A	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Introduction to Polar Coordinates
MA.9-12.G.4.B	Determine the coordinates of a point that is described geometrically.	Introduction to Polar Coordinates
MA.9-12.G.4.C	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Introduction to Polar Coordinates
MA.9-12.G.4.D	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Introduction to Polar Coordinates
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Angles in the Coordinate Plane
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Introduction to Polar Coordinates
MA.9-12.G.5.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Polar Forms of Conics
MA.9-12.G.6.B	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Radian Measure
MA.9-12.G.6.F	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Polar Equations
MA.9-12.G.7.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Polar Curves

**Alignment Report for Trigonometry
Washington - Mathematics - Grades 9-12**

MA.9-12.G.7.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Heron's Formula
Grade:	Algebra 2	
Section	Description	Lesson Title
MA.9-12.A2.2.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Trigonometric Equations: Part II
MA.9-12.A2.3.A	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Polar Curves
MA.9-12.A2.3.C	Solve quadratic equations and inequalities, including equations with complex roots.	Multiply and Divide Complex Numbers
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Angles in the Coordinate Plane
MA.9-12.A2.5.B	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Polar Forms of Conics
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Angles in the Coordinate Plane
MA.9-12.A2.5.C	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$, $f(x) = a/x^2 + b$, and $f(x) = a/(bx + c)$, and solve related equations.	Polar Forms of Conics
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Angles in the Coordinate Plane
MA.9-12.A2.5.D	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Polar Forms of Conics
MA.9-12.A2.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Polar Curves
MA.9-12.A2.8.G	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Heron's Formula
Grade:	Mathematics 1	
Section	Description	Lesson Title
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Angles in the Coordinate Plane
MA.9-12.M1.2.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x + b$.	Polar Forms of Conics
MA.9-12.M1.3.D	Write and graph an equation for a line given the slope and the y-intercept, the slope and a point on the line, or two points on the line, and translate between forms of linear equations.	Polar Curves
MA.9-12.M1.3.H	Determine the equation of a line in the coordinate plane that is described geometrically, including a line through two given points, a line through a given point parallel to a given line, and a line through a given point perpendicular to a given line.	Introduction to Polar Coordinates
MA.9-12.M1.4.D	Determine and prove triangle similarity.	Project: Heron's Formula
MA.9-12.M1.7.B	Find and approximate solutions to exponential equations.	Trigonometric Equations: Part II

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Washington - Mathematics - Grades 9-12

MA.9-12.M1.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Polar Curves
MA.9-12.M1.8.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Heron's Formula
Grade:	Mathematics 2	
Section	Description	Lesson Title
MA.9-12.M2.2.B	Sketch the graph of a quadratic function, describe the effects that changes in the parameters have on the graph, and interpret the x-intercepts as solutions to a quadratic equation.	Polar Curves
MA.9-12.M2.2.C	Translate between the standard form of a quadratic function, the vertex form, and the factored form; graph and interpret the meaning of each form.	Polar Curves
MA.9-12.M2.2.G	Solve quadratic equations and inequalities, including equations with complex roots.	Multiply and Divide Complex Numbers
MA.9-12.M2.3.G	Know, prove, and apply the Pythagorean Theorem and its converse.	Lengths of Sides
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Angle Measures
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Indirect Measure
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Lengths of Sides
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Reciprocal Functions
MA.9-12.M2.3.H	Solve problems involving the basic trigonometric ratios of sine, cosine, and tangent.	Tangent Addition Formula
MA.9-12.M2.3.L	Determine the coordinates of a point that is described geometrically.	Introduction to Polar Coordinates
MA.9-12.M2.3.M	Verify and apply properties of triangles and quadrilaterals in the coordinate plane.	Introduction to Polar Coordinates
MA.9-12.M2.5.A	Use algebraic properties to factor and combine like terms in polynomials.	Reciprocal Functions
MA.9-12.M2.5.C	Solve problems involving measurement conversions within and between systems, including those involving derived units, and analyze solutions in terms of reasonableness of solutions and appropriate units.	Polar Equations
MA.9-12.M2.6.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Polar Curves
MA.9-12.M2.6.H	Use inductive reasoning to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Heron's Formula
Grade:	Mathematics 3	
Section	Description	Lesson Title
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Angles in the Coordinate Plane
MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Introduction to Polar Coordinates

Alignment Report for Trigonometry
Washington - Mathematics - Grades 9-12

MA.9-12.M3.2.A	Sketch results of transformations and compositions of transformations for a given two-dimensional figure on the coordinate plane, and describe the rule(s) for performing translations or for performing reflections about the coordinate axes or the line $y = x$.	Polar Forms of Conics
MA.9-12.M3.3.A	Know and use basic properties of exponential and logarithmic functions and the inverse relationship between them.	Inverse Reciprocal Functions
MA.9-12.M3.3.B	Graph an exponential function of the form $f(x) = ab$ to the x power and its inverse logarithmic function.	Inverse Reciprocal Functions
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Angles in the Coordinate Plane
MA.9-12.M3.3.D	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a$ times the square root of $x - c + d$, and solve related equations.	Polar Forms of Conics
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Angles in the Coordinate Plane
MA.9-12.M3.3.E	Plot points, sketch, and describe the graphs of functions of the form $f(x) = a/x^2 + b$ and $f(x) = a/(bx + c)$, and solve related equations.	Polar Forms of Conics
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Angles in the Coordinate Plane
MA.9-12.M3.3.F	Plot points, sketch, and describe the graphs of cubic polynomial functions of the form $f(x) = ax^3 + d$ as an example of higher order polynomials and solve related equations.	Polar Forms of Conics
MA.9-12.M3.5.F	Analyze distance and angle measures on a sphere and apply these measurements to the geometry of the earth.	Radian Measure
MA.9-12.M3.6.A	Explain how whole, integer, rational, real, and complex numbers are related, and identify the number system(s) within which a given algebraic equation can be solved.	Trigonometric Equations: Part II
MA.9-12.M3.7.B	Determine the equation of a circle that is described geometrically in the coordinate plane and, given equations for a circle and a line, determine the coordinates of their intersection(s).	Introduction to Polar Coordinates
MA.9-12.M3.8.E	Read and interpret diagrams, graphs, and text containing the symbols, language, and conventions of mathematics.	Polar Curves
MA.9-12.M3.8.H	Use inductive reasoning and the properties of numbers to make conjectures, and use deductive reasoning to prove or disprove conjectures.	Project: Heron's Formula

**Alignment Report for Science 300
Washington - Science - Grades 3-5**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Science
Grade:	Grade 3

Section	Description	Lesson Title
SCI.3.1.1.2.a	Measure and describe the position of one object relative to another object (or surroundings) using positional language (such as in front of, behind, to the left, to the right, above, and below) and a distance scale (such as centimeters).	Experiment: Breathing Patterns
SCI.3.1.1.2.a	Measure and describe the position of one object relative to another object (or surroundings) using positional language (such as in front of, behind, to the left, to the right, above, and below) and a distance scale (such as centimeters).	Experiment: Is Air Matter?
SCI.3.1.1.2.a	Measure and describe the position of one object relative to another object (or surroundings) using positional language (such as in front of, behind, to the left, to the right, above, and below) and a distance scale (such as centimeters).	Experiment: Mass
SCI.3.1.1.2.a	Measure and describe the position of one object relative to another object (or surroundings) using positional language (such as in front of, behind, to the left, to the right, above, and below) and a distance scale (such as centimeters).	Matter and Rocks
SCI.3.1.1.2.a	Measure and describe the position of one object relative to another object (or surroundings) using positional language (such as in front of, behind, to the left, to the right, above, and below) and a distance scale (such as centimeters).	Report: Months
SCI.3.1.1.2.a	Measure and describe the position of one object relative to another object (or surroundings) using positional language (such as in front of, behind, to the left, to the right, above, and below) and a distance scale (such as centimeters).	Report: Mount Rushmore
SCI.3.1.1.2.a	Measure and describe the position of one object relative to another object (or surroundings) using positional language (such as in front of, behind, to the left, to the right, above, and below) and a distance scale (such as centimeters).	Why Time Changes
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Experiment: Loudness
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Experiment: Sound Patterns
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Experiment: Vibrations
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	How Does Sound Travel?
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Properties of Sound
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Sounds and Energy
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Sounds are Heard
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Sounds are Made
SCI.3.1.1.3.b	Explain the relationship between the pitch of a sound and the vibrations of the object causing the sound.	Experiment: Loudness
SCI.3.1.1.3.b	Explain the relationship between the pitch of a sound and the vibrations of the object causing the sound.	Experiment: Pitch

Alignment Report for Science 300
Washington - Science - Grades 3-5

SCI.3.1.1.3.b	Explain the relationship between the pitch of a sound and the vibrations of the object causing the sound.	Experiment: Vibrations
SCI.3.1.1.3.b	Explain the relationship between the pitch of a sound and the vibrations of the object causing the sound.	How Does Sound Travel?
SCI.3.1.1.3.b	Explain the relationship between the pitch of a sound and the vibrations of the object causing the sound.	Sounds and Energy
SCI.3.1.1.3.b	Explain the relationship between the pitch of a sound and the vibrations of the object causing the sound.	Sounds are Heard
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Experiment: Loudness
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Experiment: Pitch
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Experiment: Sound Patterns
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Experiment: Vibrations
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	How Does Sound Travel?
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Movement of Heat Energy
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Properties of Sound
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Sounds and Energy
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Sounds are Heard
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	Experiment: Different Times
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	Experiment: Is Air Matter?
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	Experiment: Mass
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	Experiment: Night
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	How the Earth Moves
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	Matter and Rocks
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	Movement of Heat Energy
SCI.3.1.1.3.d	Experience, measure, and describe the motion of light as light bounces off and/or passes through an object.	Properties of Matter
SCI.3.1.1.5.a	Describe and sort rocks based on physical properties (e.g., color, shape, size, texture).	Chemistry and Matter
SCI.3.1.1.5.a	Describe and sort rocks based on physical properties (e.g., color, shape, size, texture).	Enjoying Rocks
SCI.3.1.1.5.a	Describe and sort rocks based on physical properties (e.g., color, shape, size, texture).	Igneous Rocks
SCI.3.1.1.5.a	Describe and sort rocks based on physical properties (e.g., color, shape, size, texture).	Matter and Rocks
SCI.3.1.1.5.a	Describe and sort rocks based on physical properties (e.g., color, shape, size, texture).	Project: Rock Collection
SCI.3.1.1.5.a	Describe and sort rocks based on physical properties (e.g., color, shape, size, texture).	Properties of Matter

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SCI.3.1.1.5.a	Describe and sort rocks based on physical properties (e.g., color, shape, size, texture).	Rocks Change: Temperature and Plants
SCI.3.1.2.1.a	Identify the parts of a system (e.g., a device, natural or living thing) and how the parts go together.	Mammals
SCI.3.1.2.1.b	Describe the function of a part of a system (e.g., a device, natural or living thing).	Mammals
SCI.3.1.2.4.a	Identify land masses, bodies of water, and landforms on a globe or a map (e.g., continents, oceans, rivers, mountains).	Electricity and the Sun
SCI.3.1.2.6.a	Observe with a microscope and record that living things are made mostly of cells (i.e., plants, animals, and single-celled organisms).	Experiment: Different Times
SCI.3.1.2.6.a	Observe with a microscope and record that living things are made mostly of cells (i.e., plants, animals, and single-celled organisms).	Experiment: Is Air Matter?
SCI.3.1.2.6.a	Observe with a microscope and record that living things are made mostly of cells (i.e., plants, animals, and single-celled organisms).	Experiment: Night
SCI.3.1.2.6.a	Observe with a microscope and record that living things are made mostly of cells (i.e., plants, animals, and single-celled organisms).	How the Earth Moves
SCI.3.1.2.6.a	Observe with a microscope and record that living things are made mostly of cells (i.e., plants, animals, and single-celled organisms).	Mammals
SCI.3.1.2.6.a	Observe with a microscope and record that living things are made mostly of cells (i.e., plants, animals, and single-celled organisms).	Plant Parts
SCI.3.1.2.6.a	Observe with a microscope and record that living things are made mostly of cells (i.e., plants, animals, and single-celled organisms).	Properties of Matter
SCI.3.1.2.6.b	Describe how plant and animal cells are similar and different.	Reptiles
SCI.3.1.2.6.c	Describe the life function of a part of a living thing (e.g., wings of a bird).	Amphibians
SCI.3.1.2.6.c	Describe the life function of a part of a living thing (e.g., wings of a bird).	Animals
SCI.3.1.2.6.c	Describe the life function of a part of a living thing (e.g., wings of a bird).	Birds
SCI.3.1.2.6.c	Describe the life function of a part of a living thing (e.g., wings of a bird).	Healthy Teeth
SCI.3.1.2.6.c	Describe the life function of a part of a living thing (e.g., wings of a bird).	Mammals
SCI.3.1.2.6.c	Describe the life function of a part of a living thing (e.g., wings of a bird).	Report: How Animals Hear
SCI.3.1.2.6.c	Describe the life function of a part of a living thing (e.g., wings of a bird).	Your Body Digests Food
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Experiment: Different Times
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Experiment: Grow Some Plants
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Experiment: Is Air Matter?
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Experiment: Night
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Healthy Teeth
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	How the Earth Moves
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Plant Growth
SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Plants

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SCI.3.1.2.7.a	Observe and describe the life cycle of a plant or animal.	Properties of Matter
SCI.3.1.2.7.b	Describe that the young of plants and animals grow to resemble their parents as they mature into adults.	Healthy Teeth
SCI.3.1.2.7.c	Describe inherited characteristics (e.g., leaf shape, eye color) and learned characteristics (e.g., languages, social customs).	Plant Parts
SCI.3.1.3.1.b	Measure the force acting on an object with a spring scale calibrated in Newtons.	Experiment: Is Air Matter?
SCI.3.1.3.1.b	Measure the force acting on an object with a spring scale calibrated in Newtons.	Experiment: Mass
SCI.3.1.3.1.b	Measure the force acting on an object with a spring scale calibrated in Newtons.	Matter and Rocks
SCI.3.1.3.2.a	Investigate and report how the position and motion of objects can be changed by a force.	Project: Rock Collection
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	Experiment: Different Times
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	Experiment: Is Air Matter?
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	Experiment: Mass
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	Experiment: Night
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	How the Earth Moves
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	Matter and Rocks
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	Project: Metamorphosis
SCI.3.1.3.6.a	Observe, measure, and describe weather indicators (i.e., temperature, wind direction and speed, precipitation), noting changes and patterns of change from day to day and over the year.	Properties of Matter
SCI.3.1.3.6.b	Describe the weather patterns of each season.	Why Seasons Change
SCI.3.1.3.8.a	Identify sources of energy and matter used by plants to grow and sustain life (e.g., air, water, light, food, mineral nutrients).	Healthy Teeth
SCI.3.1.3.10.a	Describe the characteristics of organisms that allow them to survive in an ecosystem.	Fish
SCI.3.1.3.10.a	Describe the characteristics of organisms that allow them to survive in an ecosystem.	Healthy Teeth

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SCI.3.1.3.10.a	Describe the characteristics of organisms that allow them to survive in an ecosystem.	Mammals
SCI.3.2.1.1.a	Identify the question being answered in an investigation.	Project: Rock Collection
SCI.3.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	Experiment: Different Times
SCI.3.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	Experiment: Is Air Matter?
SCI.3.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	Experiment: Night
SCI.3.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	How the Earth Moves
SCI.3.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	Properties of Matter
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Bean Plant
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Plant a Piece of Potato
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Sound Patterns
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Taste Test
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Vibrations
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Watch the Seeds Grow
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Project: Metamorphosis
SCI.3.2.1.2.a	Make predictions of the results of an investigation.	Project: Rock Collection
SCI.3.2.1.2.c	Follow all safety rules during investigations.	Experiment: Breathing Patterns
SCI.3.2.1.2.c	Follow all safety rules during investigations.	Report: How Animals Hear
SCI.3.2.1.2.c	Follow all safety rules during investigations.	Report: Months
SCI.3.2.1.2.c	Follow all safety rules during investigations.	Report: Mount Rushmore
SCI.3.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation (e.g., grass grows taller with more light; with only 2 hours of light each day, grass grew 2 centimeters in two weeks, but with 6 hours of light, grass grew 8 centimeters).	Experiment: Friction
SCI.3.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Experiment: Friction
SCI.3.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Experiment: Different Times
SCI.3.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Experiment: Night
SCI.3.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Experiment: The Earth
SCI.3.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	How the Earth Moves
SCI.3.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Reptiles

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SCI.3.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Seasons and Times
SCI.3.2.1.4.c	Investigate phenomena using a simple physical or computer model or simulation.	Project: Rock Collection
SCI.3.2.1.5.a	Report observations or data of simple investigations without making inferences.	Experiment: Limestone
SCI.3.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Rock Collection
SCI.3.2.1.5.b.2	materials used in the investigation	Experiment: Breathing Patterns
SCI.3.2.1.5.b.2	materials used in the investigation	Project: Rock Collection
SCI.3.2.1.5.b.2	materials used in the investigation	Report: Months
SCI.3.2.1.5.b.2	materials used in the investigation	Report: Mount Rushmore
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Bean Plant
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Different Times
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Is Air Matter?
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Limestone
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Night
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Plant a Piece of Potato
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Root Hairs
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Sound Patterns
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Taste Test
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Vibrations
SCI.3.2.1.5.b.3	observations, data, results	Experiment: Watch the Seeds Grow
SCI.3.2.1.5.b.3	observations, data, results	How the Earth Moves
SCI.3.2.1.5.b.3	observations, data, results	Project: Metamorphosis
SCI.3.2.1.5.b.3	observations, data, results	Project: Rock Collection
SCI.3.2.1.5.b.3	observations, data, results	Properties of Matter
SCI.3.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Experiment: Breathing Patterns
SCI.3.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Experiment: Different Times
SCI.3.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Experiment: Friction
SCI.3.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Rock Collection
SCI.3.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Report: How Animals Hear
SCI.3.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Report: Months
SCI.3.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Report: Mount Rushmore
SCI.3.2.1.5.b.5	safety procedures used	Experiment: Breathing Patterns
SCI.3.2.1.5.b.5	safety procedures used	Report: How Animals Hear
SCI.3.2.1.5.b.5	safety procedures used	Report: Months
SCI.3.2.1.5.b.5	safety procedures used	Report: Mount Rushmore
SCI.3.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Project: Metamorphosis

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Section	Description	Lesson Title
SCI.3.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Project: Rock Collection
SCI.3.2.2.5.a	Describe how scientific inquiry results in facts, unexpected findings, ideas, evidence, and explanations.	Project: Rock Collection
SCI.3.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Experiment: Night
SCI.3.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Experiment: Pitch
SCI.3.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Experiment: Water Molecules
SCI.3.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Project: Vertebrates
SCI.3.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Pitch
SCI.3.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Water Molecules
SCI.3.3.1.2.a.2	scientifically gather information and collect measurable data	Project: Vertebrates
SCI.3.3.1.2.a.6	scientifically test solutions	Experiment: Bean Plant
SCI.3.3.1.2.a.6	scientifically test solutions	Experiment: Taste Test
SCI.3.3.1.2.a.6	scientifically test solutions	Experiment: Watch the Seeds Grow
SCI.3.3.1.2.a.6	scientifically test solutions	Project: Metamorphosis
SCI.3.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Rock Collection
SCI.3.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Experiment: Night
SCI.3.3.2.2.a	Describe tools (technology) invented to advance scientific investigations (e.g., thermometers, rulers, microscopes, telescopes).	Experiment: Rotation
SCI.3.3.2.2.a	Describe tools (technology) invented to advance scientific investigations (e.g., thermometers, rulers, microscopes, telescopes).	Project: Rock Collection
SCI.3.3.2.3.a	Identify science, math, and technology skills used in a career.	Project: Famous Rocks
SCI.3.3.2.4.b	Describe the effects conservation has on the environment.	Building With Rocks
SCI.3.3.2.4.b	Describe the effects conservation has on the environment.	Seasons and Times
SCI.3.3.2.4.c	Describe the effects of humans on the health of an ecosystem.	Fish
SCI.3.3.2.4.e	Describe the limited resources humans depend on and how changes in these resources affect the livability of the environment for humans.	Building With Rocks
Grade:	Grade 4	
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 2-3	
Section	Description	Lesson Title

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SCI.2-3.1.2-3 SYSA.1	Give examples of simple living and physical systems (e.g., a whole animal or plant, a car, a doll, a table and chair set). For each example, explain how different parts make up the whole.	Experiment: Watch the Seeds Grow
SCI.2-3.1.2-3 SYSB.1	Predict what may happen to an object, plant, or animal if one or more of its parts are removed (e.g., a tricycle cannot be ridden if its wheels are removed).	Mammals
SCI.2-3.1.2-3 SYSB.1	Predict what may happen to an object, plant, or animal if one or more of its parts are removed (e.g., a tricycle cannot be ridden if its wheels are removed).	Plant Parts
SCI.2-3.1.2-3 SYSB.1	Predict what may happen to an object, plant, or animal if one or more of its parts are removed (e.g., a tricycle cannot be ridden if its wheels are removed).	Project: Aquarium
SCI.2-3.1.2-3 SYSB.1	Predict what may happen to an object, plant, or animal if one or more of its parts are removed (e.g., a tricycle cannot be ridden if its wheels are removed).	Properties of Matter
SCI.2-3.1.2-3 SYSB.1	Predict what may happen to an object, plant, or animal if one or more of its parts are removed (e.g., a tricycle cannot be ridden if its wheels are removed).	Special Mammals
SCI.2-3.1.2-3 SYSC.1	Contrast the function of a whole object, plant, or animal with the function of one of its parts (e.g., an airplane can fly, but wings and propeller alone cannot; plants can grow, but stems and flowers alone cannot).	Mammals
SCI.2-3.1.2-3 SYSC.1	Contrast the function of a whole object, plant, or animal with the function of one of its parts (e.g., an airplane can fly, but wings and propeller alone cannot; plants can grow, but stems and flowers alone cannot).	Plant Parts
SCI.2-3.1.2-3 SYSC.1	Contrast the function of a whole object, plant, or animal with the function of one of its parts (e.g., an airplane can fly, but wings and propeller alone cannot; plants can grow, but stems and flowers alone cannot).	Project: Aquarium
SCI.2-3.1.2-3 SYSC.1	Contrast the function of a whole object, plant, or animal with the function of one of its parts (e.g., an airplane can fly, but wings and propeller alone cannot; plants can grow, but stems and flowers alone cannot).	Properties of Matter
SCI.2-3.1.2-3 SYSC.1	Contrast the function of a whole object, plant, or animal with the function of one of its parts (e.g., an airplane can fly, but wings and propeller alone cannot; plants can grow, but stems and flowers alone cannot).	Special Mammals
SCI.2-3.1.2-3 SYSE.1	Identify ways that similar parts can play different roles in different systems (e.g., birds may use their beaks to crack seeds while other birds use their beaks to catch fish).	Experiment: Watch the Seeds Grow
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Experiment: Different Times
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Experiment: Is Air Matter?
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Experiment: Limestone
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Experiment: Night
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Experiment: Plant a Piece of Potato
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Experiment: Root Hairs

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SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Experiment: Watch the Seeds Grow
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	How the Earth Moves
SCI.2-3.2.2-3 INQA.1	Explain how observations can lead to new knowledge and new questions about the natural world.	Properties of Matter
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Different Times
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Is Air Matter?
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Limestone
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Mass
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Night
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Plant a Piece of Potato
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Root Hairs
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Experiment: Watch the Seeds Grow
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	How the Earth Moves

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SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Matter and Rocks
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Project: Rock Collection
SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.	Properties of Matter
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Experiment: Different Times
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Experiment: Is Air Matter?
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Experiment: Limestone
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Experiment: Night
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Experiment: Plant a Piece of Potato
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Experiment: Root Hairs
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Experiment: Watch the Seeds Grow
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	How the Earth Moves
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Properties of Matter
SCI.2-3.2.2-3 INQC.1	Distinguish between direct observations and simple inferences.	Reptiles
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Bean Plant
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Different Times
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Is Air Matter?
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Limestone

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SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Mass
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Night
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Plant a Piece of Potato
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Root Hairs
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Sound Patterns
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: The Earth
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Experiment: Watch the Seeds Grow
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	How the Earth Moves
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Matter and Rocks
SCI.2-3.2.2-3 INQD.1	Use simple instruments (e.g., metric scales or balances, thermometers, and rulers) to observe and make measurements, and record and display data in a table, bar graph, line plot, or pictograph.	Properties of Matter
SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Experiment: Bean Plant
SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Experiment: Friction
SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Experiment: Plant a Piece of Potato

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SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Experiment: Sound Patterns
SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Experiment: Taste Test
SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Experiment: Watch the Seeds Grow
SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Project: Metamorphosis
SCI.2-3.2.2-3 INQF.1	Accurately describe results, referring to the graph or other data as evidence. Draw a conclusion about the question that motivated the study using the results of the investigation as evidence.	Project: Rock Collection
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Bean Plant
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Breathing Patterns
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Different Times
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Is Air Matter?
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Limestone
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Night
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Plant a Piece of Potato
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Root Hairs
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Sound Patterns
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Taste Test
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Experiment: Watch the Seeds Grow

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SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	How the Earth Moves
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Project: Metamorphosis
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Project: Rock Collection
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Properties of Matter
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Report: Months
SCI.2-3.2.2-3 INQG.1	Communicate honestly about their investigations, describing how observations were made and summarizing results.	Report: Mount Rushmore
SCI.2-3.3.2-3 APPA.1	Design a solution to a simple problem (e.g., design a tool for removing an object from a jar when your hand doesn't fit) using a technological design process that includes: defining the problem, gathering information, exploring ideas, making a plan, testing possible solutions to see which is best, and communicating the results.	Project: Vertebrates
SCI.2-3.3.2-3 APPB.1	Give an example in which the application of scientific knowledge helps solve a problem (e.g., use electric lights to see at night).	Project: Famous Rocks
SCI.2-3.3.2-3 APPD.1	Select appropriate tools and materials to meet a goal or solve a specific problem (e.g., build the tallest tower with wooden blocks or the longest bridge span) and explain the reason for those choices.	Experiment: Night
SCI.2-3.4.2-3 PS1A.1	Give an example to illustrate motion as a change in position over a period of time (e.g., if a student stands near the door and then moves to his/her seat, the student is "in motion" during that time).	Electricity and the Sun
SCI.2-3.4.2-3 PS1A.1	Give an example to illustrate motion as a change in position over a period of time (e.g., if a student stands near the door and then moves to his/her seat, the student is "in motion" during that time).	Why Time Changes
SCI.2-3.4.2-3 PS1B.1	Identify the force that starts something moving or changes its speed or direction of motion (e.g., when a ball is thrown or when a rock is dropped).	Electricity and the Sun
SCI.2-3.4.2-3 PS1D.1	Measure and compare the distances moved by an object (e.g., a toy car) when given a small push and when given a big push.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 PS1D.1	Measure and compare the distances moved by an object (e.g., a toy car) when given a small push and when given a big push.	Experiment: Mass
SCI.2-3.4.2-3 PS1D.1	Measure and compare the distances moved by an object (e.g., a toy car) when given a small push and when given a big push.	Matter and Rocks
SCI.2-3.4.2-3 PS1D.1	Measure and compare the distances moved by an object (e.g., a toy car) when given a small push and when given a big push.	Reptiles

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SCI.2-3.4.2-3 PS2A.1	List several properties of an object.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 PS2A.1	List several properties of an object.	Experiment: Mass
SCI.2-3.4.2-3 PS2A.1	List several properties of an object.	Matter and Rocks
SCI.2-3.4.2-3 PS2A.1	List several properties of an object.	Project: Matter
SCI.2-3.4.2-3 PS2A.1	List several properties of an object.	Properties of Matter
SCI.2-3.4.2-3 PS2A.2	Select one of several objects that best matches a list of properties.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 PS2A.2	Select one of several objects that best matches a list of properties.	Experiment: Mass
SCI.2-3.4.2-3 PS2A.2	Select one of several objects that best matches a list of properties.	Matter and Rocks
SCI.2-3.4.2-3 PS2A.2	Select one of several objects that best matches a list of properties.	Project: Matter
SCI.2-3.4.2-3 PS2A.2	Select one of several objects that best matches a list of properties.	Properties of Matter
SCI.2-3.4.2-3 PS2A.3	Sort objects by their functions, shapes, and the materials they are composed of.	Chemistry and Matter
SCI.2-3.4.2-3 PS2A.3	Sort objects by their functions, shapes, and the materials they are composed of.	Enjoying Rocks
SCI.2-3.4.2-3 PS2A.3	Sort objects by their functions, shapes, and the materials they are composed of.	Experiment: Taste Test
SCI.2-3.4.2-3 PS2A.3	Sort objects by their functions, shapes, and the materials they are composed of.	Matter and Rocks
SCI.2-3.4.2-3 PS2A.3	Sort objects by their functions, shapes, and the materials they are composed of.	Properties of Matter
SCI.2-3.4.2-3 PS2B.1	List properties of common materials.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 PS2B.1	List properties of common materials.	Experiment: Mass
SCI.2-3.4.2-3 PS2B.1	List properties of common materials.	Experiment: Taste Test
SCI.2-3.4.2-3 PS2B.1	List properties of common materials.	Matter and Rocks
SCI.2-3.4.2-3 PS2B.1	List properties of common materials.	Project: Matter
SCI.2-3.4.2-3 PS2B.1	List properties of common materials.	Properties of Matter
SCI.2-3.4.2-3 PS2B.2	Compare similar objects made of different materials (e.g., a plastic spoon and a metal spoon) and explain how their properties are similar and different.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 PS2B.2	Compare similar objects made of different materials (e.g., a plastic spoon and a metal spoon) and explain how their properties are similar and different.	Experiment: Mass
SCI.2-3.4.2-3 PS2B.2	Compare similar objects made of different materials (e.g., a plastic spoon and a metal spoon) and explain how their properties are similar and different.	Experiment: Taste Test
SCI.2-3.4.2-3 PS2B.2	Compare similar objects made of different materials (e.g., a plastic spoon and a metal spoon) and explain how their properties are similar and different.	Matter and Rocks
SCI.2-3.4.2-3 PS2B.2	Compare similar objects made of different materials (e.g., a plastic spoon and a metal spoon) and explain how their properties are similar and different.	Project: Matter
SCI.2-3.4.2-3 PS2B.2	Compare similar objects made of different materials (e.g., a plastic spoon and a metal spoon) and explain how their properties are similar and different.	Properties of Matter
SCI.2-3.4.2-3 PS2B.2	Compare similar objects made of different materials (e.g., a plastic spoon and a metal spoon) and explain how their properties are similar and different.	Reptiles

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SCI.2-3.4.2-3 PS2B.3	Compare two objects made of the same material but a different shape (e.g., a plastic fork and a plastic spoon) and identify which of their properties are similar and different.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 PS2B.3	Compare two objects made of the same material but a different shape (e.g., a plastic fork and a plastic spoon) and identify which of their properties are similar and different.	Experiment: Mass
SCI.2-3.4.2-3 PS2B.3	Compare two objects made of the same material but a different shape (e.g., a plastic fork and a plastic spoon) and identify which of their properties are similar and different.	Experiment: Taste Test
SCI.2-3.4.2-3 PS2B.3	Compare two objects made of the same material but a different shape (e.g., a plastic fork and a plastic spoon) and identify which of their properties are similar and different.	Matter and Rocks
SCI.2-3.4.2-3 PS2B.3	Compare two objects made of the same material but a different shape (e.g., a plastic fork and a plastic spoon) and identify which of their properties are similar and different.	Project: Matter
SCI.2-3.4.2-3 PS2B.3	Compare two objects made of the same material but a different shape (e.g., a plastic fork and a plastic spoon) and identify which of their properties are similar and different.	Properties of Matter
SCI.2-3.4.2-3 PS2B.3	Compare two objects made of the same material but a different shape (e.g., a plastic fork and a plastic spoon) and identify which of their properties are similar and different.	Reptiles
SCI.2-3.4.2-3 PS2C.1	Predict what will happen to a sample of liquid water if it is put into a freezer (it will turn to ice) and if it is put into a pan and heated on the stove (it will turn to steam or water vapor).	Electricity and the Sun
SCI.2-3.4.2-3 PS2C.1	Predict what will happen to a sample of liquid water if it is put into a freezer (it will turn to ice) and if it is put into a pan and heated on the stove (it will turn to steam or water vapor).	Experiment: Changing Liquid to a Gas
SCI.2-3.4.2-3 PS2C.1	Predict what will happen to a sample of liquid water if it is put into a freezer (it will turn to ice) and if it is put into a pan and heated on the stove (it will turn to steam or water vapor).	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 PS2D.1	Predict what will happen to a small quantity of water left in an open container overnight.	Experiment: Changing Liquid to a Gas
SCI.2-3.4.2-3 PS2D.1	Predict what will happen to a small quantity of water left in an open container overnight.	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 PS2D.1	Predict what will happen to a small quantity of water left in an open container overnight.	Experiment: Volume
SCI.2-3.4.2-3 PS2D.2	Predict what will happen to the same quantity of water left in a closed container overnight.	Experiment: Changing Liquid to a Gas
SCI.2-3.4.2-3 PS2D.2	Predict what will happen to the same quantity of water left in a closed container overnight.	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 PS2D.2	Predict what will happen to the same quantity of water left in a closed container overnight.	Experiment: Volume
SCI.2-3.4.2-3 PS2D.3	Explain where the liquid water goes when the amount decreases over time.	Experiment: Changing Liquid to a Gas

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SCI.2-3.4.2-3 PS2D.3	Explain where the liquid water goes when the amount decreases over time.	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 PS2D.3	Explain where the liquid water goes when the amount decreases over time.	Experiment: Volume
SCI.2-3.4.2-3 PS3A.1	Use the word energy to explain everyday activities (e.g., food gives people energy to play games).	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Amphibians
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Electricity and the Sun
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Different Times
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Limestone
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Loudness
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Night
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Plant a Piece of Potato
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Root Hairs
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Sound Patterns
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Vibrations
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: Watch the Seeds Grow
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	How Does Sound Travel?
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	How the Earth Moves
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Movement of Heat Energy
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Properties of Matter
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Properties of Sound
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Sounds are Heard
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Sounds are Made
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Amphibians
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Electricity and the Sun
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Experiment: Loudness
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Experiment: Sound Patterns
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Experiment: Vibrations
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	How Does Sound Travel?
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Movement of Heat Energy

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SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Properties of Sound
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Sounds are Heard
SCI.2-3.4.2-3 PS3A.3	Explain how light, sound, and motion are all energy.	Sounds are Made
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Experiment: Different Times
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Experiment: Limestone
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Experiment: Night
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Experiment: Plant a Piece of Potato
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Experiment: Root Hairs
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Experiment: Watch the Seeds Grow
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	How the Earth Moves
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Properties of Matter
SCI.2-3.4.2-3 ES1A.2	Observe that the length of shadows is shortest at about noon, and infer that this is because the Sun is highest in the sky (but not directly overhead) at about that time.	Why Time Changes
SCI.2-3.4.2-3 ES1A.3	Explain how shadows could be used to tell the time of day.	Experiment: Different Times
SCI.2-3.4.2-3 ES1A.3	Explain how shadows could be used to tell the time of day.	Why Time Changes
SCI.2-3.4.2-3 ES2A.1	Identify where natural water bodies occur in the students' local environment.	Fish
SCI.2-3.4.2-3 ES2B.1	Describe the various forms and places that water can be found on Earth as liquids and solids (e.g., as liquid in morning dew; in lakes, streams, and oceans; as solid ice at the North and South Poles, and on the tops of mountains; and in the air as clouds, fog, rain, hail, and snow).	Your Body Breathes Air
SCI.2-3.4.2-3 ES2B.2	Predict that the weight of a sample of water will be nearly the same before and after it is frozen or melted. Explain why the weight will be almost the same.	Experiment: Changing Liquid to a Gas
SCI.2-3.4.2-3 ES2B.2	Predict that the weight of a sample of water will be nearly the same before and after it is frozen or melted. Explain why the weight will be almost the same.	Experiment: Melting Ice Cubes
SCI.2-3.4.2-3 ES2C.1	Measure and record changes in weather (e.g., inches of rain using a rain gauge, depth of snow using a ruler, and temperature using a thermometer).	Experiment: Is Air Matter?

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SCI.2-3.4.2-3 ES2C.1	Measure and record changes in weather (e.g., inches of rain using a rain gauge, depth of snow using a ruler, and temperature using a thermometer).	Experiment: Mass
SCI.2-3.4.2-3 ES2C.1	Measure and record changes in weather (e.g., inches of rain using a rain gauge, depth of snow using a ruler, and temperature using a thermometer).	Matter and Rocks
SCI.2-3.4.2-3 ES2C.2	Interpret graphs of weather conditions to describe with measurements how weather changes from season to season.	Experiment: Is Air Matter?
SCI.2-3.4.2-3 ES2C.2	Interpret graphs of weather conditions to describe with measurements how weather changes from season to season.	Experiment: Mass
SCI.2-3.4.2-3 ES2C.2	Interpret graphs of weather conditions to describe with measurements how weather changes from season to season.	Matter and Rocks
SCI.2-3.4.2-3 ES2C.2	Interpret graphs of weather conditions to describe with measurements how weather changes from season to season.	Why Seasons Change
SCI.2-3.4.2-3 LS1A.1	Describe the life cycle of a common type of plant (e.g., the growth of a fast-growing plant from seed to sprout, to adult, to fruits, flowers, and seeds).	Experiment: Bean Plant
SCI.2-3.4.2-3 LS1A.1	Describe the life cycle of a common type of plant (e.g., the growth of a fast-growing plant from seed to sprout, to adult, to fruits, flowers, and seeds).	Experiment: Grow Some Plants
SCI.2-3.4.2-3 LS1A.1	Describe the life cycle of a common type of plant (e.g., the growth of a fast-growing plant from seed to sprout, to adult, to fruits, flowers, and seeds).	Experiment: Watch the Seeds Grow
SCI.2-3.4.2-3 LS1A.1	Describe the life cycle of a common type of plant (e.g., the growth of a fast-growing plant from seed to sprout, to adult, to fruits, flowers, and seeds).	Insects and Spiders
SCI.2-3.4.2-3 LS1A.1	Describe the life cycle of a common type of plant (e.g., the growth of a fast-growing plant from seed to sprout, to adult, to fruits, flowers, and seeds).	Plant Growth
SCI.2-3.4.2-3 LS1A.1	Describe the life cycle of a common type of plant (e.g., the growth of a fast-growing plant from seed to sprout, to adult, to fruits, flowers, and seeds).	Plants
SCI.2-3.4.2-3 LS1B.1	Describe the life cycle of a common type of animal (e.g., the development of a butterfly or moth from egg to larva to pupa to adult, or the development of a frog from egg to tadpole to adult frog).	Animals
SCI.2-3.4.2-3 LS1B.1	Describe the life cycle of a common type of animal (e.g., the development of a butterfly or moth from egg to larva to pupa to adult, or the development of a frog from egg to tadpole to adult frog).	Experiment: Grow Some Plants
SCI.2-3.4.2-3 LS1B.1	Describe the life cycle of a common type of animal (e.g., the development of a butterfly or moth from egg to larva to pupa to adult, or the development of a frog from egg to tadpole to adult frog).	Healthy Teeth
SCI.2-3.4.2-3 LS1B.1	Describe the life cycle of a common type of animal (e.g., the development of a butterfly or moth from egg to larva to pupa to adult, or the development of a frog from egg to tadpole to adult frog).	Insects and Spiders

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SCI.2-3.4.2-3 LS1B.1	Describe the life cycle of a common type of animal (e.g., the development of a butterfly or moth from egg to larva to pupa to adult, or the development of a frog from egg to tadpole to adult frog).	Plant Growth
SCI.2-3.4.2-3 LS1B.1	Describe the life cycle of a common type of animal (e.g., the development of a butterfly or moth from egg to larva to pupa to adult, or the development of a frog from egg to tadpole to adult frog).	Unhealthy Foods
SCI.2-3.4.2-3 LS2A.1	Identify at least four ways that ecosystems support life (e.g., by providing fresh water, generating oxygen, removing toxic pollutants, and providing sources of useful materials).	Experiment: Taste Test
SCI.2-3.4.2-3 LS2A.1	Identify at least four ways that ecosystems support life (e.g., by providing fresh water, generating oxygen, removing toxic pollutants, and providing sources of useful materials).	Fish
SCI.2-3.4.2-3 LS2B.1	Describe three or more of the changes that occur in an ecosystem or model of a natural ecosystem (e.g., aquarium, terrarium) over time, as well as how these changes may affect the plants and animals living there.	Animals
SCI.2-3.4.2-3 LS2B.1	Describe three or more of the changes that occur in an ecosystem or model of a natural ecosystem (e.g., aquarium, terrarium) over time, as well as how these changes may affect the plants and animals living there.	Fish
SCI.2-3.4.2-3 LS2B.1	Describe three or more of the changes that occur in an ecosystem or model of a natural ecosystem (e.g., aquarium, terrarium) over time, as well as how these changes may affect the plants and animals living there.	Mammals
SCI.2-3.4.2-3 LS2B.1	Describe three or more of the changes that occur in an ecosystem or model of a natural ecosystem (e.g., aquarium, terrarium) over time, as well as how these changes may affect the plants and animals living there.	Plant Parts
SCI.2-3.4.2-3 LS2B.1	Describe three or more of the changes that occur in an ecosystem or model of a natural ecosystem (e.g., aquarium, terrarium) over time, as well as how these changes may affect the plants and animals living there.	Project: Aquarium
SCI.2-3.4.2-3 LS2B.1	Describe three or more of the changes that occur in an ecosystem or model of a natural ecosystem (e.g., aquarium, terrarium) over time, as well as how these changes may affect the plants and animals living there.	Special Mammals
SCI.2-3.4.2-3 LS2C.1	Explain the consequences of rapid ecosystem change (e.g., flooding, wind storms, snowfall, volcanic eruptions).	Fish
SCI.2-3.4.2-3 LS2C.2	Explain the consequences of gradual ecosystem change (e.g., gradual increase or decrease in daily temperatures, reduction or increase in yearly rainfall).	Fish
SCI.2-3.4.2-3 LS2D.1	Describe a change that humans are making in a particular ecosystem, and predict how that change could harm or improve conditions for a given type of plant or animal.	Fish
SCI.2-3.4.2-3 LS2D.1	Describe a change that humans are making in a particular ecosystem, and predict how that change could harm or improve conditions for a given type of plant or animal.	Mammals
SCI.2-3.4.2-3 LS2D.1	Describe a change that humans are making in a particular ecosystem, and predict how that change could harm or improve conditions for a given type of plant or animal.	Plant Parts

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SCI.2-3.4.2-3 LS2D.1	Describe a change that humans are making in a particular ecosystem, and predict how that change could harm or improve conditions for a given type of plant or animal.	Project: Aquarium
SCI.2-3.4.2-3 LS2D.1	Describe a change that humans are making in a particular ecosystem, and predict how that change could harm or improve conditions for a given type of plant or animal.	Special Mammals
SCI.2-3.4.2-3 LS2D.2	Propose a plan to protect or improve an ecosystem.	Fish
SCI.2-3.4.2-3 LS3A.1	Give examples of variations among individuals of the same kinds of plants and animals within a population (e.g., tall and short pine trees, black cats and white cats, people with blue eyes or brown eyes, with freckles or without).	Mammals
SCI.2-3.4.2-3 LS3A.1	Give examples of variations among individuals of the same kinds of plants and animals within a population (e.g., tall and short pine trees, black cats and white cats, people with blue eyes or brown eyes, with freckles or without).	Plant Parts
SCI.2-3.4.2-3 LS3A.1	Give examples of variations among individuals of the same kinds of plants and animals within a population (e.g., tall and short pine trees, black cats and white cats, people with blue eyes or brown eyes, with freckles or without).	Project: Aquarium
SCI.2-3.4.2-3 LS3A.1	Give examples of variations among individuals of the same kinds of plants and animals within a population (e.g., tall and short pine trees, black cats and white cats, people with blue eyes or brown eyes, with freckles or without).	Special Mammals
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Amphibians
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Healthy Teeth
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Mammals
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Plant Growth
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Plant Parts
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Plants
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Project: Aquarium
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Report: How Animals Hear
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Reptiles
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Special Mammals
SCI.2-3.4.2-3 LS3B.1	Compare the offspring of a plant or animal with its parents, listing features that are similar and that are different.	Your Body Digests Food
SCI.2-3.4.2-3 LS3C.1	Predict how differences in characteristics might help one individual survive better than another (e.g., animals that are stronger or faster, plants or animals that blend into the background, plants that grow taller or that need less water to survive).	Healthy Teeth

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SCI.2-3.4.2-3 LS3C.1	Predict how differences in characteristics might help one individual survive better than another (e.g., animals that are stronger or faster, plants or animals that blend into the background, plants that grow taller or that need less water to survive).	Mammals
SCI.2-3.4.2-3 LS3C.1	Predict how differences in characteristics might help one individual survive better than another (e.g., animals that are stronger or faster, plants or animals that blend into the background, plants that grow taller or that need less water to survive).	Plant Growth
SCI.2-3.4.2-3 LS3C.1	Predict how differences in characteristics might help one individual survive better than another (e.g., animals that are stronger or faster, plants or animals that blend into the background, plants that grow taller or that need less water to survive).	Plant Parts
SCI.2-3.4.2-3 LS3C.1	Predict how differences in characteristics might help one individual survive better than another (e.g., animals that are stronger or faster, plants or animals that blend into the background, plants that grow taller or that need less water to survive).	Project: Aquarium
SCI.2-3.4.2-3 LS3C.1	Predict how differences in characteristics might help one individual survive better than another (e.g., animals that are stronger or faster, plants or animals that blend into the background, plants that grow taller or that need less water to survive).	Special Mammals
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Birds
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Experiment: Different Times
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Experiment: Is Air Matter?
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Experiment: Limestone
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Experiment: Night

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SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Experiment: Plant a Piece of Potato
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Experiment: Root Hairs
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Experiment: Watch the Seeds Grow
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	How the Earth Moves
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Mammals
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Plant Parts
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Project: Aquarium
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Properties of Matter
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Reptiles
SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Special Mammals

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SCI.2-3.4.2-3 LS3D.1	Observe fossils and compare them to similar plants or animals that live today (e.g., compare a fossil fern with a similar fern that grows today, a dinosaur leg bone with the leg bone of a reptile that lives today, a mastodon and an elephant).	Unhealthy Foods
SCI.2-3.4.2-3 LS3E.2	Given pictures of animals that are extinct (e.g., dinosaurs, mammoths), describe how these animals are different from animals that live today.	Experiment: Night
SCI.2-3.4.2-3 LS3E.2	Given pictures of animals that are extinct (e.g., dinosaurs, mammoths), describe how these animals are different from animals that live today.	Project: Aquarium

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Science	
Grade:	Grade 3	
Section	Description	Lesson Title
SCI.3.1.1.3.a	Explain that when an object vibrates the object may produce sound that people can hear and give an example.	Experiment: How Sound Travels
SCI.3.1.1.3.c	Describe experiences with sound (i.e., vibrations, echoes, and pitch).	Experiment: How Sound Travels
SCI.3.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Experiment: Temperature Comparisons
SCI.3.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Experiment: How Sound Travels
SCI.3.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Experiment: Temperature Comparisons
SCI.3.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: How Sound Travels
SCI.3.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Temperature Comparisons
Grade:	Grade 4	
Section	Description	Lesson Title
SCI.4.1.1.1.a	Identify, describe, and sort objects and materials using observed physical properties such as hardness, shape, state of matter, smell, temperature, texture, weight, and magnetic properties.	Electricity and Magnetism
SCI.4.1.1.1.a	Identify, describe, and sort objects and materials using observed physical properties such as hardness, shape, state of matter, smell, temperature, texture, weight, and magnetic properties.	Experiment: Generate Electricity
SCI.4.1.1.1.a	Identify, describe, and sort objects and materials using observed physical properties such as hardness, shape, state of matter, smell, temperature, texture, weight, and magnetic properties.	Experiment: Make a Magnet
SCI.4.1.1.1.a	Identify, describe, and sort objects and materials using observed physical properties such as hardness, shape, state of matter, smell, temperature, texture, weight, and magnetic properties.	Experiment: Use a Magnet
SCI.4.1.1.1.a	Identify, describe, and sort objects and materials using observed physical properties such as hardness, shape, state of matter, smell, temperature, texture, weight, and magnetic properties.	Magnetism
SCI.4.1.1.1.a	Identify, describe, and sort objects and materials using observed physical properties such as hardness, shape, state of matter, smell, temperature, texture, weight, and magnetic properties.	Temperature
SCI.4.1.1.1.a	Identify, describe, and sort objects and materials using observed physical properties such as hardness, shape, state of matter, smell, temperature, texture, weight, and magnetic properties.	Water as a Gas

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SCI.4.1.1.1.b	Sort and classify natural and manufactured materials and objects according to various physical properties (e.g., length, weight, hardness, temperature, color, shape, texture, and smell).	Molecules and Atoms
SCI.4.1.1.1.b	Sort and classify natural and manufactured materials and objects according to various physical properties (e.g., length, weight, hardness, temperature, color, shape, texture, and smell).	Temperature
SCI.4.1.1.1.b	Sort and classify natural and manufactured materials and objects according to various physical properties (e.g., length, weight, hardness, temperature, color, shape, texture, and smell).	Water as a Gas
SCI.4.1.1.1.c	Identify and describe the state of water as solid, liquid, or gas in different situations.	Elements
SCI.4.1.1.1.c	Identify and describe the state of water as solid, liquid, or gas in different situations.	The Water Cycle
SCI.4.1.1.1.c	Identify and describe the state of water as solid, liquid, or gas in different situations.	Water as a Liquid
SCI.4.1.1.1.d	Identify which states of matter (solid, liquid, or gas) can change shape and which can expand to fill a container.	Earth's Rotation and Revolution
SCI.4.1.1.1.d	Identify which states of matter (solid, liquid, or gas) can change shape and which can expand to fill a container.	Matter
SCI.4.1.1.1.d	Identify which states of matter (solid, liquid, or gas) can change shape and which can expand to fill a container.	Matter
SCI.4.1.1.1.d	Identify which states of matter (solid, liquid, or gas) can change shape and which can expand to fill a container.	Water as a Liquid
SCI.4.1.1.4.a	Describe the forms of energy present in a system (i.e., energy of motion [kinetic], heat energy, sound energy, light energy, electrical energy, chemical energy, and food energy).	Electricity
SCI.4.1.1.4.a	Describe the forms of energy present in a system (i.e., energy of motion [kinetic], heat energy, sound energy, light energy, electrical energy, chemical energy, and food energy).	Electricity and Magnetism
SCI.4.1.1.4.a	Describe the forms of energy present in a system (i.e., energy of motion [kinetic], heat energy, sound energy, light energy, electrical energy, chemical energy, and food energy).	Machines: Energy
SCI.4.1.1.4.a	Describe the forms of energy present in a system (i.e., energy of motion [kinetic], heat energy, sound energy, light energy, electrical energy, chemical energy, and food energy).	Plants: Food and Shelter
SCI.4.1.1.4.a	Describe the forms of energy present in a system (i.e., energy of motion [kinetic], heat energy, sound energy, light energy, electrical energy, chemical energy, and food energy).	Project: Plant Products
SCI.4.1.1.5.a	Describe the states of water on Earth (i.e., clouds, fog, dew, rain, hail, snow, ice) as solid, liquid, or gas.	Elements
SCI.4.1.1.5.a	Describe the states of water on Earth (i.e., clouds, fog, dew, rain, hail, snow, ice) as solid, liquid, or gas.	The Water Cycle
SCI.4.1.1.5.a	Describe the states of water on Earth (i.e., clouds, fog, dew, rain, hail, snow, ice) as solid, liquid, or gas.	Tornadoes and Snowstorms
SCI.4.1.1.5.a	Describe the states of water on Earth (i.e., clouds, fog, dew, rain, hail, snow, ice) as solid, liquid, or gas.	Water as a Liquid

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SCI.4.1.1.5.a	Describe the states of water on Earth (i.e., clouds, fog, dew, rain, hail, snow, ice) as solid, liquid, or gas.	Water as a Solid
SCI.4.1.1.5.b	Describe the common conditions or properties of air (i.e., moving, blowing, wind, still, warm, cold, moist, takes up space, has weight).	Earth's Rotation and Revolution
SCI.4.1.1.5.b	Describe the common conditions or properties of air (i.e., moving, blowing, wind, still, warm, cold, moist, takes up space, has weight).	Experiment: Potato
SCI.4.1.1.5.b	Describe the common conditions or properties of air (i.e., moving, blowing, wind, still, warm, cold, moist, takes up space, has weight).	Temperature
SCI.4.1.1.5.b	Describe the common conditions or properties of air (i.e., moving, blowing, wind, still, warm, cold, moist, takes up space, has weight).	Water as a Gas
SCI.4.1.1.6.a	Describe the characteristics of organisms.	Animal Adaptation
SCI.4.1.1.6.a	Describe the characteristics of organisms.	Animal Kingdom
SCI.4.1.1.6.a	Describe the characteristics of organisms.	Ecosystem Communities
SCI.4.1.1.6.a	Describe the characteristics of organisms.	Inherited and Learned Traits
SCI.4.1.1.6.a	Describe the characteristics of organisms.	Land Communities
SCI.4.1.1.6.a	Describe the characteristics of organisms.	Parts of a Plant: Flowers
SCI.4.1.1.6.a	Describe the characteristics of organisms.	Plant Life
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Animal Adaptation
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Birds and Mammals
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Ecology
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Fish, Amphibians, and Reptiles
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Inherited and Learned Traits
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Insects and Arachnids

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SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Parts of a Plant
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Parts of a Plant: Leaves
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	The Environment
SCI.4.1.1.6.b	Describe and sort organisms using multiple characteristics (e.g., anatomy such as fins for swimming or leaves for gathering light, behavior patterns such as burrowing or migration, how plants and animals get food differently).	Worms and Mollusks
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Balance of Nature
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Birds and Mammals
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Endangered and Extinct Animals
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Fish, Amphibians, and Reptiles
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Insects and Arachnids
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Plants and Animals
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Water Communities
SCI.4.1.1.6.c	Classify and sort common organisms into plant and animal groups.	Worms and Mollusks
SCI.4.1.2.2.d	Describe transformations of energy (e.g., energy of motion of hands clapping changing into sound energy).	Currents and Circuits
SCI.4.1.2.2.d	Describe transformations of energy (e.g., energy of motion of hands clapping changing into sound energy).	Electricity
SCI.4.1.2.2.d	Describe transformations of energy (e.g., energy of motion of hands clapping changing into sound energy).	Project: Electric Objects
SCI.4.1.2.3.a	Identify small parts of a substance as still being that substance (e.g., a drop of water is still water; a speck of sugar is still sugar).	Molecules and Atoms
SCI.4.1.2.3.b	Observe and describe that some particles can only be seen with magnification.	Molecules and Atoms
SCI.4.1.2.3.b	Observe and describe that some particles can only be seen with magnification.	Project: Astronomy Tools
SCI.4.1.2.5.a	Describe the daily motion of the Sun, Moon, and stars as seen from Earth's surface (e.g., the Sun, the Moon, and the stars all rise in the east and set in the west).	Gravity and Motion

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SCI.4.1.2.5.a	Describe the daily motion of the Sun, Moon, and stars as seen from Earth's surface (e.g., the Sun, the Moon, and the stars all rise in the east and set in the west).	Our Moon
SCI.4.1.2.5.a	Describe the daily motion of the Sun, Moon, and stars as seen from Earth's surface (e.g., the Sun, the Moon, and the stars all rise in the east and set in the west).	The Solar System
SCI.4.1.2.5.b	Describe how the Moon looks a little different every day as seen from Earth (e.g., the lighted portion of the Moon changes shape every day).	Experiment: Moon Phases
SCI.4.1.2.5.b	Describe how the Moon looks a little different every day as seen from Earth (e.g., the lighted portion of the Moon changes shape every day).	Experiment: Shadows
SCI.4.1.2.5.b	Describe how the Moon looks a little different every day as seen from Earth (e.g., the lighted portion of the Moon changes shape every day).	Our Moon
SCI.4.1.2.5.c	Describe how the patterns of stars in the sky stay the same as seen from Earth (e.g., constellations such as the "Big Dipper" always have the same pattern).	Stars and Space
SCI.4.1.2.8.d	Describe how the systems allow the human body to take in and use mineral nutrients (air, food, water) for living, growth, and repair (e.g., breathing in air supplies the oxygen necessary to live).	Consumers
SCI.4.1.2.8.d	Describe how the systems allow the human body to take in and use mineral nutrients (air, food, water) for living, growth, and repair (e.g., breathing in air supplies the oxygen necessary to live).	Plants: Food and Shelter
SCI.4.1.2.8.d	Describe how the systems allow the human body to take in and use mineral nutrients (air, food, water) for living, growth, and repair (e.g., breathing in air supplies the oxygen necessary to live).	Project: Insects
SCI.4.1.2.8.e	Identify and describe how human body systems compare to the systems of other living organisms (e.g., the human ear compared to an elephant's for hearing sound).	Animal Adaptation
SCI.4.1.2.8.e	Identify and describe how human body systems compare to the systems of other living organisms (e.g., the human ear compared to an elephant's for hearing sound).	Animal Kingdom
SCI.4.1.2.8.e	Identify and describe how human body systems compare to the systems of other living organisms (e.g., the human ear compared to an elephant's for hearing sound).	Ecosystem Communities
SCI.4.1.2.8.e	Identify and describe how human body systems compare to the systems of other living organisms (e.g., the human ear compared to an elephant's for hearing sound).	Land Communities
SCI.4.1.2.8.e	Identify and describe how human body systems compare to the systems of other living organisms (e.g., the human ear compared to an elephant's for hearing sound).	Parts of a Plant: Flowers
SCI.4.1.2.8.e	Identify and describe how human body systems compare to the systems of other living organisms (e.g., the human ear compared to an elephant's for hearing sound).	Plant Life
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Elements

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SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Experiment: Condensation
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Experiment: Forming Dew
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Experiment: Ice
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Experiment: Ice Volume
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Experiment: Potato
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Gases in the Atmosphere
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	Matter
SCI.4.1.3.3.a	Observe and describe water changing state from ice to liquid water to water vapor and back (e.g., with freezing, melting, evaporation, and condensation water remains water).	The Water Cycle
SCI.4.1.3.7.b	Describe how the appearance of the Moon changes in a predictable pattern (e.g., new Moon to full Moon every 28 days).	Experiment: Moon Phases
SCI.4.1.3.7.b	Describe how the appearance of the Moon changes in a predictable pattern (e.g., new Moon to full Moon every 28 days).	Experiment: Shadows
SCI.4.1.3.7.b	Describe how the appearance of the Moon changes in a predictable pattern (e.g., new Moon to full Moon every 28 days).	Our Moon
SCI.4.1.3.8.a	Identify sources of energy and matter used by animals to grow and sustain life (e.g., air, water, light, food, mineral nutrients).	Insects and Arachnids
SCI.4.1.3.8.a	Identify sources of energy and matter used by animals to grow and sustain life (e.g., air, water, light, food, mineral nutrients).	Plants: Food and Shelter
SCI.4.1.3.8.a	Identify sources of energy and matter used by animals to grow and sustain life (e.g., air, water, light, food, mineral nutrients).	Project: Insects
SCI.4.2.1.1.a	Identify the question being answered in an investigation.	Elements
SCI.4.2.1.1.a	Identify the question being answered in an investigation.	Project: Weather Scrapbook
SCI.4.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	Experiment: Still Water Life

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SCI.4.2.1.2.a	Make predictions of the results of an investigation.	Currents and Circuits
SCI.4.2.1.2.a	Make predictions of the results of an investigation.	Elements
SCI.4.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Gravity
SCI.4.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Hammer and Nail
SCI.4.2.1.2.a	Make predictions of the results of an investigation.	Project: Weather Scrapbook
SCI.4.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Project: Thermometers
SCI.4.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Weather Instruments
SCI.4.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation (e.g., grass grows taller with more light; with only 2 hours of light each day, grass grew 2 centimeters in two weeks, but with 6 hours of light, grass grew 8 centimeters).	Project: Astronomy Tools
SCI.4.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation (e.g., grass grows taller with more light; with only 2 hours of light each day, grass grew 2 centimeters in two weeks, but with 6 hours of light, grass grew 8 centimeters).	Project: Endangered Species
SCI.4.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation (e.g., grass grows taller with more light; with only 2 hours of light each day, grass grew 2 centimeters in two weeks, but with 6 hours of light, grass grew 8 centimeters).	Project: Special Treasures
SCI.4.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation (e.g., grass grows taller with more light; with only 2 hours of light each day, grass grew 2 centimeters in two weeks, but with 6 hours of light, grass grew 8 centimeters).	Project: Terrarium or Diorama
SCI.4.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Elements
SCI.4.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Project: Weather Scrapbook
SCI.4.2.1.3.c	Generate a scientific explanation of observed phenomena using given data.	Project: Land Community
SCI.4.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Animal Kingdom
SCI.4.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Earth's Rotation and Revolution
SCI.4.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Salt Water
SCI.4.2.1.4.b	Create a simple model to represent common objects, events, systems, or processes (e.g., diagram or map and /or physical model).	Earth's Land Formations
SCI.4.2.1.4.c	Investigate phenomena using a simple physical or computer model or simulation.	Elements

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SCI.4.2.1.4.c	Investigate phenomena using a simple physical or computer model or simulation.	Project: Weather Scrapbook
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Elements
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Experiment: Still Water Life
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Balance of Nature
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Fuses
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Galileo
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Hurricanes
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Land Community
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Passenger Pigeon
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Plant Products
SCI.4.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Weather Scrapbook
SCI.4.2.1.5.b.1	reasons for selecting the investigative plan	Project: Astronomy Tools
SCI.4.2.1.5.b.1	reasons for selecting the investigative plan	Project: Endangered Species
SCI.4.2.1.5.b.1	reasons for selecting the investigative plan	Project: Special Treasures
SCI.4.2.1.5.b.1	reasons for selecting the investigative plan	Project: Terrarium or Diorama
SCI.4.2.1.5.b.2	materials used in the investigation	Elements
SCI.4.2.1.5.b.2	materials used in the investigation	Experiment: Generate Electricity
SCI.4.2.1.5.b.2	materials used in the investigation	Molecules and Atoms
SCI.4.2.1.5.b.2	materials used in the investigation	Project: Balance of Nature
SCI.4.2.1.5.b.2	materials used in the investigation	Project: Hurricanes
SCI.4.2.1.5.b.2	materials used in the investigation	Project: Insects
SCI.4.2.1.5.b.2	materials used in the investigation	Project: Land Community
SCI.4.2.1.5.b.2	materials used in the investigation	Project: Passenger Pigeon
SCI.4.2.1.5.b.2	materials used in the investigation	Project: Sun Myths
SCI.4.2.1.5.b.2	materials used in the investigation	Project: Weather Scrapbook
SCI.4.2.1.5.b.3	observations, data, results	Elements
SCI.4.2.1.5.b.3	observations, data, results	Experiment: Gravity
SCI.4.2.1.5.b.3	observations, data, results	Experiment: Hammer and Nail
SCI.4.2.1.5.b.3	observations, data, results	Experiment: Still Water Life
SCI.4.2.1.5.b.3	observations, data, results	Project: Fuses
SCI.4.2.1.5.b.3	observations, data, results	Project: Galileo
SCI.4.2.1.5.b.3	observations, data, results	Project: Weather Scrapbook
SCI.4.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Elements
SCI.4.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Endangered Species
SCI.4.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Hurricanes
SCI.4.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Land Community
SCI.4.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Passenger Pigeon

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SCI.4.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Sun Myths
SCI.4.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Weather Scrapbook
SCI.4.2.2.1.a	Explain why scientific observations are recorded accurately and honestly.	Project: Fuses
SCI.4.2.2.1.a	Explain why scientific observations are recorded accurately and honestly.	Project: Galileo
SCI.4.2.2.1.b	Explain why scientific records of observations are not changed even when the records do not match initial expectations.	Project: Galileo
SCI.4.2.2.2.a	Describe whether measurements and/or observations of phenomena are scientific facts.	Project: Fuses
SCI.4.2.2.2.a	Describe whether measurements and/or observations of phenomena are scientific facts.	Project: Galileo
SCI.4.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Conservation
SCI.4.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Conservation
SCI.4.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Experiment: Still Water Life
SCI.4.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Project: Galileo
SCI.4.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Project: Your Environment
SCI.4.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Elements
SCI.4.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Experiment: Hammer and Nail
SCI.4.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Project: Weather Scrapbook
SCI.4.2.2.4.b	Identify and describe ways to increase the reliability of the results of an investigation (e.g., multiple trials of an investigation increase the reliability of the results).	Elements
SCI.4.2.2.4.b	Identify and describe ways to increase the reliability of the results of an investigation (e.g., multiple trials of an investigation increase the reliability of the results).	Experiment: Hammer and Nail
SCI.4.2.2.4.b	Identify and describe ways to increase the reliability of the results of an investigation (e.g., multiple trials of an investigation increase the reliability of the results).	Project: Weather Scrapbook
SCI.4.2.2.5.a	Describe how scientific inquiry results in facts, unexpected findings, ideas, evidence, and explanations.	Elements
SCI.4.2.2.5.a	Describe how scientific inquiry results in facts, unexpected findings, ideas, evidence, and explanations.	Project: Land Community
SCI.4.2.2.5.a	Describe how scientific inquiry results in facts, unexpected findings, ideas, evidence, and explanations.	Project: Weather Scrapbook

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SCI.4.2.2.5.b	Describe how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Elements
SCI.4.2.2.5.b	Describe how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Project: Weather Scrapbook
SCI.4.3.1.1.a	Describe an appropriate question that could lead to a possible solution to a problem.	Conservation
SCI.4.3.1.1.a	Describe an appropriate question that could lead to a possible solution to a problem.	Conservation
SCI.4.3.1.1.a	Describe an appropriate question that could lead to a possible solution to a problem.	Conservation
SCI.4.3.1.1.b	Describe how science and technology could be used to solve a human problem (e.g., using an electric lamp as a source of varied light for plant growth).	Plant Life
SCI.4.3.1.1.b	Describe how science and technology could be used to solve a human problem (e.g., using an electric lamp as a source of varied light for plant growth).	Plant Products
SCI.4.3.1.1.b	Describe how science and technology could be used to solve a human problem (e.g., using an electric lamp as a source of varied light for plant growth).	Project: Insects
SCI.4.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Conservation
SCI.4.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Conservation
SCI.4.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Conservation
SCI.4.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Machines: Work
SCI.4.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Project: Sun Myths
SCI.4.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Conservation
SCI.4.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Conservation
SCI.4.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Conservation
SCI.4.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Experiment: Seesaw
SCI.4.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Screw and Nail
SCI.4.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Seesaw
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Celery
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Condensation

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SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Currents
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Gravity
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Ice
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Make a Cloud
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Molecules
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Potato
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Pulleys
SCI.4.3.1.2.a.6	scientifically test solutions	Experiment: Wet Cell
SCI.4.3.1.2.a.6	scientifically test solutions	Project: Conductors
SCI.4.3.1.2.c	Describe the reason(s) for the effectiveness of a solution to a problem or challenge.	Conservation
SCI.4.3.1.2.c	Describe the reason(s) for the effectiveness of a solution to a problem or challenge.	Conservation
SCI.4.3.1.2.c	Describe the reason(s) for the effectiveness of a solution to a problem or challenge.	Conservation
SCI.4.3.1.3.a	Identify the criteria for an acceptable solution to a problem or challenge.	Conservation
SCI.4.3.1.3.a	Identify the criteria for an acceptable solution to a problem or challenge.	Conservation
SCI.4.3.1.3.a	Identify the criteria for an acceptable solution to a problem or challenge.	Conservation
SCI.4.3.1.3.b	Describe the reason(s) for the effectiveness of a solution to a problem or challenge using scientific concepts and principles.	Conservation
SCI.4.3.1.3.b	Describe the reason(s) for the effectiveness of a solution to a problem or challenge using scientific concepts and principles.	Conservation
SCI.4.3.1.3.b	Describe the reason(s) for the effectiveness of a solution to a problem or challenge using scientific concepts and principles.	Conservation
SCI.4.3.1.3.b	Describe the reason(s) for the effectiveness of a solution to a problem or challenge using scientific concepts and principles.	Project: Land Community
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Conservation
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Conservation
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Conservation
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Astronomy Tools
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Endangered Species
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Populations
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Special Treasures

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SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Terrarium or Diorama
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Weather Scrapbook
SCI.4.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Your Environment
SCI.4.3.1.3.d	Describe how to change a system to solve a problem or improve a solution to a problem.	Conservation
SCI.4.3.1.3.d	Describe how to change a system to solve a problem or improve a solution to a problem.	Conservation
SCI.4.3.1.3.d	Describe how to change a system to solve a problem or improve a solution to a problem.	Conservation
SCI.4.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Conservation
SCI.4.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Conservation
SCI.4.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Conservation
SCI.4.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Project: Astronomy Tools
SCI.4.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Project: Endangered Species
SCI.4.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Project: Special Treasures
SCI.4.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Project: Terrarium or Diorama
SCI.4.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Astronomy Tools
SCI.4.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Project: Alessandro Volta
SCI.4.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Project: Astronomy

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SCI.4.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Project: Astronomy Tools
SCI.4.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Project: Isaac Newton
SCI.4.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Project: Thomas Edison
SCI.4.3.2.1.b	Describe how advancements in science and technology have developed over time and with contributions from diverse people.	Astronomy Tools
SCI.4.3.2.1.b	Describe how advancements in science and technology have developed over time and with contributions from diverse people.	Project: Astronomy Tools
SCI.4.3.2.1.b	Describe how advancements in science and technology have developed over time and with contributions from diverse people.	Project: Thomas Edison
SCI.4.3.2.2.a	Describe how scientific tools help people design solutions to human problems (e.g., hand lens to see the detailed structure of leaves).	Conservation
SCI.4.3.2.2.a	Describe how scientific tools help people design solutions to human problems (e.g., hand lens to see the detailed structure of leaves).	Conservation
SCI.4.3.2.2.a	Describe how scientific tools help people design solutions to human problems (e.g., hand lens to see the detailed structure of leaves).	Conservation
SCI.4.3.2.2.a	Describe how scientific tools help people design solutions to human problems (e.g., hand lens to see the detailed structure of leaves).	Parts of a Plant: Flowers
SCI.4.3.2.2.a	Describe how scientific tools help people design solutions to human problems (e.g., hand lens to see the detailed structure of leaves).	Parts of a Plant: Roots and Stems
SCI.4.3.2.3.a	Identify science, math, and technology skills used in a career.	Project: Your Environment
SCI.4.3.2.4.a	Describe how resources can be conserved through reusing, reducing, and recycling.	Conservation
SCI.4.3.2.4.a	Describe how resources can be conserved through reusing, reducing, and recycling.	Conservation
SCI.4.3.2.4.a	Describe how resources can be conserved through reusing, reducing, and recycling.	Conservation
Grade:	Grade 5	
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 2-3	
Section	Description	Lesson Title
SCI.2-3.3.2-3 APPA.1	Design a solution to a simple problem (e.g., design a tool for removing an object from a jar when your hand doesn't fit) using a technological design process that includes: defining the problem, gathering information, exploring ideas, making a plan, testing possible solutions to see which is best, and communicating the results.	Experiment: How Sound Travels
SCI.2-3.4.2-3 PS3A.2	Give examples of different forms of energy as observed in everyday life: light, sound, and motion.	Experiment: How Sound Travels

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SCI.2-3.4.2-3 PS3A.3 Explain how light, sound, and motion are all energy. Experiment: How Sound Travels

Grade: Grades: 4-5

Section	Description	Lesson Title
SCI.4-5.1.4-5 SYSA.1	Identify at least one of the subsystems of an object, plant, or animal (e.g., an airplane contains subsystems for propulsion, landing, and control).	Balance of Nature
SCI.4-5.1.4-5 SYSA.1	Identify at least one of the subsystems of an object, plant, or animal (e.g., an airplane contains subsystems for propulsion, landing, and control).	Endangered and Extinct Animals
SCI.4-5.1.4-5 SYSA.1	Identify at least one of the subsystems of an object, plant, or animal (e.g., an airplane contains subsystems for propulsion, landing, and control).	Plants and Animals
SCI.4-5.1.4-5 SYSA.1	Identify at least one of the subsystems of an object, plant, or animal (e.g., an airplane contains subsystems for propulsion, landing, and control).	Water Communities
SCI.4-5.1.4-5 SYSA.1	Identify at least one of the subsystems of an object, plant, or animal (e.g., an airplane contains subsystems for propulsion, landing, and control).	Weather Instruments
SCI.4-5.1.4-5 SYSB.1	Specify how a system can do things that none of its subsystems can do by themselves (e.g., a forest ecosystem can sustain itself, while the trees, soil, plant, and animal populations cannot).	Resources
SCI.4-5.1.4-5 SYSB.1	Specify how a system can do things that none of its subsystems can do by themselves (e.g., a forest ecosystem can sustain itself, while the trees, soil, plant, and animal populations cannot).	Weather Instruments
SCI.4-5.1.4-5 SYSC.2	Describe the effect on a system if its input is changed (e.g., if sugar is left out, the cookies will not taste very good).	Weather Instruments
SCI.4-5.1.4-5 SYSD.1	Predict what might happen to a system if a part in one or more of its subsystems is missing, broken, worn out, mismatched, or misconnected (e.g., a broken toe will affect the skeletal system, which can greatly reduce a person's ability to walk).	Experiment: Hammer and Nail
SCI.4-5.1.4-5 SYSD.1	Predict what might happen to a system if a part in one or more of its subsystems is missing, broken, worn out, mismatched, or misconnected (e.g., a broken toe will affect the skeletal system, which can greatly reduce a person's ability to walk).	Weather Instruments
SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.	Elements
SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.	Project: Sun Myths
SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.	Project: Weather Scrapbook
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Air and Space
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Celery

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SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Condensation
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Currents
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Ice Volume
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Make a Cloud
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Potato
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Pulleys
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Still Water Life
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Wet Cell
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Fuses
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Galileo
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Elements
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Project: Thermometers
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Project: Weather Scrapbook
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Air Pressure

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SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Air and Space
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Celery
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Condensation
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Currents
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Hammer and Nail
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Ice
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Ice Volume
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Make a Cloud
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Molecules
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Potato
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Pulleys
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Static Electricity
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Wet Cell
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Project: Conductors
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Gravity
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Screw and Nail
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Seesaw
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Project: Sun Myths
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Project: Sun Myths
SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Animal Kingdom

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SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Salt Water
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Elements
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Project: Weather Scrapbook
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Project: Your Environment
SCI.4-5.2.4-5 INQH.1	Display the findings of an investigation, using tables, graphs, or other visual means to represent the data accurately and meaningfully.	Elements
SCI.4-5.2.4-5 INQH.1	Display the findings of an investigation, using tables, graphs, or other visual means to represent the data accurately and meaningfully.	Experiment: Hammer and Nail
SCI.4-5.2.4-5 INQH.1	Display the findings of an investigation, using tables, graphs, or other visual means to represent the data accurately and meaningfully.	Project: Weather Scrapbook
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Elements
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Experiment: Hammer and Nail
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Experiment: Seesaw
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Balance of Nature
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Hurricanes
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Insects
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Land Community
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Passenger Pigeon
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Sun Myths
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Weather Scrapbook
SCI.4-5.2.4-5 INQH.3	Respond non-defensively to comments and questions about their investigation.	Elements
SCI.4-5.2.4-5 INQH.3	Respond non-defensively to comments and questions about their investigation.	Project: Weather Scrapbook
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Experiment: Hammer and Nail
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Experiment: Seesaw
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Project: Balance of Nature
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Project: Hurricanes
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Project: Insects

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SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Project: Land Community
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Project: Passenger Pigeon
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Project: Sun Myths
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Experiment: Condensation
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Experiment: Ice Volume
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Experiment: Potato
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Experiment: Still Water Life
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Project: Fuses
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Project: Galileo
SCI.4-5.3.4-5 APPA.1	Describe ways that people use technology to meet their needs and wants (e.g., text messages to communicate with friends, use bicycles or cars for transportation).	Project: Alessandro Volta
SCI.4-5.3.4-5 APPA.1	Describe ways that people use technology to meet their needs and wants (e.g., text messages to communicate with friends, use bicycles or cars for transportation).	Project: Thomas Edison
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Air and Space
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Celery
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Condensation
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Currents
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Generate Electricity
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Ice

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SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Make a Cloud
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Molecules
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Potato
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Pulleys
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Wet Cell
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Molecules and Atoms
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Project: Conductors
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Conservation
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Conservation
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Conservation
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Celery
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Condensation
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Currents
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Ice
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Make a Cloud
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Molecules
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Potato
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Pulleys
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Wet Cell
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Project: Conductors

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SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Conservation
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Conservation
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Conservation
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Celery
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Condensation
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Currents
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Ice
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Make a Cloud
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Molecules
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Potato
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Pulleys
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Wet Cell
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Project: Conductors
SCI.4-5.3.4-5 APPD.1	Work with other students to generate possible solutions to a problem and agree on the most promising solution based on how well each different idea meets the criteria for a successful solution.	Conservation
SCI.4-5.3.4-5 APPD.1	Work with other students to generate possible solutions to a problem and agree on the most promising solution based on how well each different idea meets the criteria for a successful solution.	Conservation
SCI.4-5.3.4-5 APPD.1	Work with other students to generate possible solutions to a problem and agree on the most promising solution based on how well each different idea meets the criteria for a successful solution.	Conservation
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Experiment: Air and Space
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Experiment: Generate Electricity
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Experiment: Molecules
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Molecules and Atoms
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Thermometers

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SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Conservation
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Conservation
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Conservation
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Celery
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Condensation
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Currents
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Ice
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Make a Cloud
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Molecules
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Potato
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Pulleys
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Wet Cell
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Project: Conductors
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Conservation
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Conservation
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Conservation
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Experiment: Hammer and Nail
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Experiment: Seesaw
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Balance of Nature
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Endangered Species
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Hurricanes
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Insects

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SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Land Community
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Passenger Pigeon
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Sun Myths
SCI.4-5.3.4-5 APPG.1	Describe specific ways that science and technology have improved the quality of the students' lives.	Astronomy Tools
SCI.4-5.3.4-5 APPG.1	Describe specific ways that science and technology have improved the quality of the students' lives.	Project: Alessandro Volta
SCI.4-5.3.4-5 APPG.1	Describe specific ways that science and technology have improved the quality of the students' lives.	Project: Astronomy Tools
SCI.4-5.3.4-5 APPG.1	Describe specific ways that science and technology have improved the quality of the students' lives.	Project: Thomas Edison
SCI.4-5.3.4-5 APPH.1	Describe several activities or careers that require people to apply their knowledge and abilities in science, technology, engineering, and mathematics.	Project: Your Environment
SCI.4-5.4.4-5 PS1A.1	Use a spring scale to measure the weights of several objects accurately. Explain that the weight of an object is a measure of the force of gravity on the object. Record the measurements in a table.	Experiment: Potato
SCI.4-5.4.4-5 PS1A.1	Use a spring scale to measure the weights of several objects accurately. Explain that the weight of an object is a measure of the force of gravity on the object. Record the measurements in a table.	Work and Machines
SCI.4-5.4.4-5 PS1B.1	Measure the distance that an object travels in a given interval of time and compare it with the distance that another object moved in the same interval of time to determine which is fastest.	Carelessness
SCI.4-5.4.4-5 PS1B.1	Measure the distance that an object travels in a given interval of time and compare it with the distance that another object moved in the same interval of time to determine which is fastest.	Experiment: Inclined Plane
SCI.4-5.4.4-5 PS1B.2	Measure the time it takes two objects to travel the same distance and determine which is fastest.	Carelessness
SCI.4-5.4.4-5 PS1B.2	Measure the time it takes two objects to travel the same distance and determine which is fastest.	Experiment: Inclined Plane
SCI.4-5.4.4-5 PS2A.1	Explain that water is still the same substance when it is frozen as ice or evaporated and becomes a gas.	Experiment: Potato
SCI.4-5.4.4-5 PS2B.2	Describe how the wind can move things (e.g., wind can move the branches of trees when it blows and moves sailboats through the water).	Experiment: Air Pressure
SCI.4-5.4.4-5 PS2C.2	Predict that the weight of a sample of water will be nearly the same before and after it is frozen or melted. Explain why the weight will be almost the same.	Experiment: Hammer and Nail
SCI.4-5.4.4-5 PS2C.2	Predict that the weight of a sample of water will be nearly the same before and after it is frozen or melted. Explain why the weight will be almost the same.	Experiment: Potato
SCI.4-5.4.4-5 PS2C.3	If an object is weighed, then broken into small pieces, predict that the small pieces will weigh the same as the large piece. Explain why the weight will be the same.	Experiment: Potato

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SCI.4-5.4.4-5 PS3A.1	Identify different forms of energy (e.g., heat, light, sound, motion, electricity) in a system.	Electricity
SCI.4-5.4.4-5 PS3A.1	Identify different forms of energy (e.g., heat, light, sound, motion, electricity) in a system.	Project: Plant Products
SCI.4-5.4.4-5 PS3A.1	Identify different forms of energy (e.g., heat, light, sound, motion, electricity) in a system.	Project: Thomas Edison
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Electricity
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Machines: Energy
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Project: Plant Products
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Project: Thomas Edison
SCI.4-5.4.4-5 PS3C.1	Identify several ways to generate heat energy (e.g., lighting a match, rubbing hands together, or mixing different kinds of chemicals together).	Machines: Energy
SCI.4-5.4.4-5 PS3C.1	Identify several ways to generate heat energy (e.g., lighting a match, rubbing hands together, or mixing different kinds of chemicals together).	Machines: Work
SCI.4-5.4.4-5 PS3C.1	Identify several ways to generate heat energy (e.g., lighting a match, rubbing hands together, or mixing different kinds of chemicals together).	Project: Plant Products
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Machines: Energy
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Project: Plant Products
SCI.4-5.4.4-5 PS3E.1	Connect wires to produce a complete circuit involving a battery and at least one other electrical component to produce observable change (e.g., light a bulb, sound a buzzer, and make a bell ring).	Currents and Circuits
SCI.4-5.4.4-5 PS3E.1	Connect wires to produce a complete circuit involving a battery and at least one other electrical component to produce observable change (e.g., light a bulb, sound a buzzer, and make a bell ring).	Electrical Use and Safety
SCI.4-5.4.4-5 PS3E.2	Repair an electric circuit by completing a closed loop.	Currents and Circuits
SCI.4-5.4.4-5 PS3E.2	Repair an electric circuit by completing a closed loop.	Electrical Use and Safety

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SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Currents and Circuits
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Electrical Use and Safety
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Electricity
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Project: Electric Objects
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Project: Thomas Edison
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	A Trip Through Space
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	Astronomy Tools
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	Experiment: Shadows
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	Project: Astronomy Tools
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	The Land (Lithosphere)
SCI.4-5.4.4-5 ES1B.1	Use a physical model or diagram to show that Earth's spin causes night and day.	Earth's Rotation and Revolution
SCI.4-5.4.4-5 ES1B.1	Use a physical model or diagram to show that Earth's spin causes night and day.	Stars and Space
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	Earth's Rotation and Revolution
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	Gravity and Motion
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	Stars and Space
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	The Solar System
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	The Sun

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SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	A Trip Through Space
SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	Gravity and Motion
SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	Planets and other Celestial Bodies
SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	Stars and Space
SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	The Solar System
SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	The Sun
SCI.4-5.4.4-5 ES1D.2	Explain that the Sun appears brighter and larger than any other star because it is very close to us.	Gravity and Motion
SCI.4-5.4.4-5 ES1D.2	Explain that the Sun appears brighter and larger than any other star because it is very close to us.	Project: Astronomy
SCI.4-5.4.4-5 ES1D.2	Explain that the Sun appears brighter and larger than any other star because it is very close to us.	The Solar System
SCI.4-5.4.4-5 ES1D.2	Explain that the Sun appears brighter and larger than any other star because it is very close to us.	The Sun
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Elements
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Experiment: Make a Cloud
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Gravity and Motion
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Molecules and Atoms
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Water as a Gas
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Earth's Rotation and Revolution
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Elements
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Experiment: Shadows
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Gravity and Motion

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SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Matter
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Matter
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Project: Thomas Edison
SCI.4-5.4.4-5 ES2A.3	Give examples of human-made materials, including those that are changed only a little (e.g., wood and stones used for building) and those that look very different from the raw materials (e.g., metal, ceramics, and plastics).	Experiment: Air and Space
SCI.4-5.4.4-5 ES2A.3	Give examples of human-made materials, including those that are changed only a little (e.g., wood and stones used for building) and those that look very different from the raw materials (e.g., metal, ceramics, and plastics).	Experiment: Generate Electricity
SCI.4-5.4.4-5 ES2A.3	Give examples of human-made materials, including those that are changed only a little (e.g., wood and stones used for building) and those that look very different from the raw materials (e.g., metal, ceramics, and plastics).	Experiment: Molecules
SCI.4-5.4.4-5 ES2A.3	Give examples of human-made materials, including those that are changed only a little (e.g., wood and stones used for building) and those that look very different from the raw materials (e.g., metal, ceramics, and plastics).	Molecules and Atoms
SCI.4-5.4.4-5 ES2B.1	Describe and give examples of the physical and chemical processes of weathering of rock.	Earth's Land Formations
SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Carelessness
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Carelessness
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Earth's Land Formations
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Earth's Land Formations
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Ecosystem Communities
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Tornadoes and Snowstorms

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SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Experiment: Make a Cloud
SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Molecules and Atoms
SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Water as a Gas
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Carelessness
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Earth's Land Formations
SCI.4-5.4.4-5 ES2F.2	Describe methods people use to reduce soil erosion.	Carelessness
SCI.4-5.4.4-5 ES3A.1	Describe an event that could cause the formation of a given fossil (e.g., the plant or animal may have been buried in sediment that hardened into rock and left an imprint, or dissolved minerals may have seeped into a piece of wood and hardened into rock).	Balance of Nature
SCI.4-5.4.4-5 ES3A.1	Describe an event that could cause the formation of a given fossil (e.g., the plant or animal may have been buried in sediment that hardened into rock and left an imprint, or dissolved minerals may have seeped into a piece of wood and hardened into rock).	Endangered and Extinct Animals
SCI.4-5.4.4-5 ES3A.1	Describe an event that could cause the formation of a given fossil (e.g., the plant or animal may have been buried in sediment that hardened into rock and left an imprint, or dissolved minerals may have seeped into a piece of wood and hardened into rock).	Plants and Animals
SCI.4-5.4.4-5 ES3A.1	Describe an event that could cause the formation of a given fossil (e.g., the plant or animal may have been buried in sediment that hardened into rock and left an imprint, or dissolved minerals may have seeped into a piece of wood and hardened into rock).	Water Communities
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Decomposers
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Ecology
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Project: Land Community
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Project: Your Environment

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SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	The Air (Atmosphere)
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	The Atmosphere
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Balance of Nature
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Birds and Mammals
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Fish, Amphibians, and Reptiles
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Insects and Arachnids
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Parts of a Plant
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Parts of a Plant: Flowers
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Parts of a Plant: Leaves
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Parts of a Plant: Roots and Stems
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Plants and Animals
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Water Communities
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Worms and Mollusks
SCI.4-5.4.4-5 LS1B.1	List parts of an animal's body and describe how it helps the animal meet its basic needs (e.g., the bones support the body so it can move; the blood carries food and oxygen throughout the body).	Plants and Animals
SCI.4-5.4.4-5 LS1B.1	List parts of an animal's body and describe how it helps the animal meet its basic needs (e.g., the bones support the body so it can move; the blood carries food and oxygen throughout the body).	Plants: Food and Shelter

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SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Balance of Nature
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Ecology
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Plants and Animals
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	The Environment
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Water Communities
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Balance of Nature
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Plants and Animals
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Plants: Food and Shelter
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Water Communities
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Water as a Solid
SCI.4-5.4.4-5 LS1E.1	Describe how various types of foods contribute to the maintenance of healthy body structures.	Decomposers
SCI.4-5.4.4-5 LS1E.1	Describe how various types of foods contribute to the maintenance of healthy body structures.	Plants: Food and Shelter
SCI.4-5.4.4-5 LS1E.2	Based on the above list, develop a balanced plan for eating that will allow you to build and maintain your body.	Decomposers
SCI.4-5.4.4-5 LS1E.2	Based on the above list, develop a balanced plan for eating that will allow you to build and maintain your body.	Plants: Food and Shelter
SCI.4-5.4.4-5 LS2A.1	Identify the living and nonliving parts of an ecosystem.	Plant Life
SCI.4-5.4.4-5 LS2A.1	Identify the living and nonliving parts of an ecosystem.	Resources
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Balance of Nature
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Endangered and Extinct Animals

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SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Food Chain
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Plants and Animals
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Project: Balance of Nature
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Resources
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Water Communities
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Balance of Nature
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Plant Life
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Plants and Animals
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Resources
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Water Communities
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Balance of Nature
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Consumers
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Ecosystem Communities
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Food Chain
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Plants and Animals
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Project: Balance of Nature

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SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Resources
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Water Communities
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Animal Adaptation
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Animal Kingdom
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Consumers
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Ecosystem Communities
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Food Chain
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Land Communities
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Parts of a Plant: Flowers
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Parts of a Plant: Leaves
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Plant Life
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Balance of Nature
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Consumers
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Decomposers
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Ecosystem Communities
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Food Chain
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Project: Balance of Nature
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Resources
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Water Communities
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Balance of Nature

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SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Experiment: Hammer and Nail
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Food Chain
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Plants and Animals
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Preservation
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Project: Balance of Nature
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Resources
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Water Communities
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Balance of Nature
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Ecosystem Communities
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Food Chain
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Plants and Animals

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SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Project: Balance of Nature
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Project: Populations
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Resources
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Water Communities
SCI.4-5.4.4-5 LS2F.1	Describe ways that humans can improve the health of ecosystems (e.g., recycling wastes, establishing rain gardens, planting native species to prevent flooding and erosion).	Conservation
SCI.4-5.4.4-5 LS2F.1	Describe ways that humans can improve the health of ecosystems (e.g., recycling wastes, establishing rain gardens, planting native species to prevent flooding and erosion).	Conservation
SCI.4-5.4.4-5 LS2F.1	Describe ways that humans can improve the health of ecosystems (e.g., recycling wastes, establishing rain gardens, planting native species to prevent flooding and erosion).	Conservation
SCI.4-5.4.4-5 LS3A.1	List some reasons why some populations may not survive as well as others.	Balance of Nature
SCI.4-5.4.4-5 LS3A.1	List some reasons why some populations may not survive as well as others.	Ecosystem Communities
SCI.4-5.4.4-5 LS3A.1	List some reasons why some populations may not survive as well as others.	Project: Balance of Nature
SCI.4-5.4.4-5 LS3A.1	List some reasons why some populations may not survive as well as others.	Project: Populations
SCI.4-5.4.4-5 LS3A.1	List some reasons why some populations may not survive as well as others.	Resources
SCI.4-5.4.4-5 LS3A.1	List some reasons why some populations may not survive as well as others.	Water Communities
SCI.4-5.4.4-5 LS3A.2	Evaluate similar populations in an ecosystem with regard to their ability to thrive and grow (e.g., bird populations with differently colored feathers).	Ecosystem Communities
SCI.4-5.4.4-5 LS3A.2	Evaluate similar populations in an ecosystem with regard to their ability to thrive and grow (e.g., bird populations with differently colored feathers).	Project: Balance of Nature
SCI.4-5.4.4-5 LS3A.2	Evaluate similar populations in an ecosystem with regard to their ability to thrive and grow (e.g., bird populations with differently colored feathers).	Project: Insects
SCI.4-5.4.4-5 LS3A.2	Evaluate similar populations in an ecosystem with regard to their ability to thrive and grow (e.g., bird populations with differently colored feathers).	Project: Populations

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SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Animal Adaptation
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Balance of Nature
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Experiment: Ice
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Inherited and Learned Traits
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Parts of a Plant
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Parts of a Plant: Flowers
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Plants and Animals
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Project: Balance of Nature
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Project: Hurricanes
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Project: Insects
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Project: Land Community
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Project: Passenger Pigeon
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Project: Sun Myths
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Water Communities
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Animal Adaptation
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Animal Kingdom
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Balance of Nature

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SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Ecosystem Communities
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Inherited and Learned Traits
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Land Communities
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Parts of a Plant: Flowers
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Parts of a Plant: Leaves
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Plant Life
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Project: Balance of Nature
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Resources
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Water Communities
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Animal Adaptation
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Balance of Nature
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Ecology
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Endangered and Extinct Animals

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SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Experiment: Ice
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Food Chain
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Inherited and Learned Traits
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Parts of a Plant: Flowers
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Plants and Animals
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Project: Balance of Nature
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Resources
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	The Environment
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Water Communities

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SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Balance of Nature
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Endangered and Extinct Animals
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Plants and Animals
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Project: Passenger Pigeon
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Water Communities

**Alignment Report for Science 500
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State:	Washington
Standard:	Grade Level Expectations
Subject:	Science
Grade:	Grade 3
Grade:	Grade 4
Grade:	Grade 5

Section	Description	Lesson Title
SCI.5.1.2.4.a	Describe how one part of Earth's system depends on or connects to another part of Earth's system (e.g., Puget Sound water affects the air over Seattle).	Plate Tectonics
SCI.5.1.2.4.b	Identify and describe various landmasses, bodies of water, and landforms (e.g., illustrate continents, oceans, seas, rivers, mountains, plains from a globe and a map).	Fossil Formation: Local Deposits
SCI.5.1.2.4.b	Identify and describe various landmasses, bodies of water, and landforms (e.g., illustrate continents, oceans, seas, rivers, mountains, plains from a globe and a map).	Landforms
SCI.5.1.2.4.b	Identify and describe various landmasses, bodies of water, and landforms (e.g., illustrate continents, oceans, seas, rivers, mountains, plains from a globe and a map).	Mountains
SCI.5.1.2.4.b	Identify and describe various landmasses, bodies of water, and landforms (e.g., illustrate continents, oceans, seas, rivers, mountains, plains from a globe and a map).	Oceans
SCI.5.1.2.4.b	Identify and describe various landmasses, bodies of water, and landforms (e.g., illustrate continents, oceans, seas, rivers, mountains, plains from a globe and a map).	Project: Landforms
SCI.5.1.2.4.b	Identify and describe various landmasses, bodies of water, and landforms (e.g., illustrate continents, oceans, seas, rivers, mountains, plains from a globe and a map).	The Earth: Changes in the Earth
SCI.5.1.2.4.c	Construct a model that demonstrates understanding of Earth's structure as a system made of parts (e.g., solid surface, water, atmosphere).	Fossil Formation: Local Deposits
SCI.5.1.2.4.c	Construct a model that demonstrates understanding of Earth's structure as a system made of parts (e.g., solid surface, water, atmosphere).	Internal Structures
SCI.5.1.2.4.c	Construct a model that demonstrates understanding of Earth's structure as a system made of parts (e.g., solid surface, water, atmosphere).	Layers of the Earth (Part 2)
SCI.5.1.2.4.c	Construct a model that demonstrates understanding of Earth's structure as a system made of parts (e.g., solid surface, water, atmosphere).	Oceans
SCI.5.1.3.2.a	Investigate and report how a larger force acting on an object causes a greater change in motion of that object, 2nd Law of Motion (e.g., a 2-Newton pull causes a toy car to speed up more than a 1-Newton force).	Kinds of Rocks
SCI.5.1.3.3.a	Observe and describe how a substance is the same substance before and after heating or cooling (e.g., solid candle wax can be heated to become liquid candle wax then cooled back to the same solid candle wax).	Experiment: Sunlight
SCI.5.1.3.3.a	Observe and describe how a substance is the same substance before and after heating or cooling (e.g., solid candle wax can be heated to become liquid candle wax then cooled back to the same solid candle wax).	Matter: Conservation

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SCI.5.1.3.3.b	Describe how two different substances can form a simple chemical reaction to produce new substances (e.g., baking soda and vinegar react to form a gas).	Matter: Changes in Matter
SCI.5.1.3.3.b	Describe how two different substances can form a simple chemical reaction to produce new substances (e.g., baking soda and vinegar react to form a gas).	Order: Matter
SCI.5.1.3.4.a	Describe how weathering and erosion change the surface of the Earth.	Erosion and Sediment
SCI.5.1.3.4.a	Describe how weathering and erosion change the surface of the Earth.	Plate Tectonics
SCI.5.1.3.4.a	Describe how weathering and erosion change the surface of the Earth.	Results of Forces
SCI.5.1.3.4.a	Describe how weathering and erosion change the surface of the Earth.	Surface Forces (Part 2)
SCI.5.1.3.4.b	Describe how earthquakes, landslides, and volcanic eruptions change Earth's surface.	Essay: Volcanic Eruptions
SCI.5.1.3.4.b	Describe how earthquakes, landslides, and volcanic eruptions change Earth's surface.	Forces From Under the Surface
SCI.5.1.3.4.b	Describe how earthquakes, landslides, and volcanic eruptions change Earth's surface.	Forces From Under the Surface (Part 2)
SCI.5.1.3.4.b	Describe how earthquakes, landslides, and volcanic eruptions change Earth's surface.	Internal Structures
SCI.5.1.3.4.b	Describe how earthquakes, landslides, and volcanic eruptions change Earth's surface.	Plate Tectonics
SCI.5.1.3.4.b	Describe how earthquakes, landslides, and volcanic eruptions change Earth's surface.	Project: Volcano Summary
SCI.5.1.3.4.b	Describe how earthquakes, landslides, and volcanic eruptions change Earth's surface.	The Earth: Changes in the Earth
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Experiment: Fossils
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Fossil Formation
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Fossil Formation: Location
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Fossil Formation: More Fossil Types
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Igneous Structures
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Project: Fossil Clues
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Project: Go on a Rock Hunt
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Project: Look for Fossils
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	Project: Rocks and Minerals
SCI.5.1.3.5.a	Observe and describe a fossil in a rock.	The Earth: Fossils
SCI.5.1.3.5.b	Know that fossils provide evidence about plants and animals that lived long ago and the nature of the environment at that time.	Fossil Formation
SCI.5.1.3.5.b	Know that fossils provide evidence about plants and animals that lived long ago and the nature of the environment at that time.	Fossil Formation: Local Deposits
SCI.5.1.3.5.b	Know that fossils provide evidence about plants and animals that lived long ago and the nature of the environment at that time.	Project: Look for Fossils
SCI.5.1.3.5.b	Know that fossils provide evidence about plants and animals that lived long ago and the nature of the environment at that time.	Reading Fossils: Animal Fossils
SCI.5.1.3.5.b	Know that fossils provide evidence about plants and animals that lived long ago and the nature of the environment at that time.	Reading Fossils: Animal Fossils (Part 2)

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SCI.5.1.3.5.b	Know that fossils provide evidence about plants and animals that lived long ago and the nature of the environment at that time.	Spore Bearing Plants: Ferns
SCI.5.1.3.6.a	Describe the effects of water cycling through the land, oceans, and atmosphere (e.g., clouds, rain, snow, hail, rivers).	Balance of Nature: Life Needs
SCI.5.1.3.6.a	Describe the effects of water cycling through the land, oceans, and atmosphere (e.g., clouds, rain, snow, hail, rivers).	Other Natural Cycles: Water Cycle
SCI.5.1.3.6.a	Describe the effects of water cycling through the land, oceans, and atmosphere (e.g., clouds, rain, snow, hail, rivers).	Project: Cycles
SCI.5.1.3.8.a	Explain how plants and animals obtain food (e.g., plants make food from air, water, sunlight, mineral nutrients; animals obtain food from other living things).	Energy of Cells
SCI.5.1.3.8.a	Explain how plants and animals obtain food (e.g., plants make food from air, water, sunlight, mineral nutrients; animals obtain food from other living things).	Experiment: Seed Dissection
SCI.5.1.3.8.a	Explain how plants and animals obtain food (e.g., plants make food from air, water, sunlight, mineral nutrients; animals obtain food from other living things).	Project: Organism Report
SCI.5.1.3.8.a	Explain how plants and animals obtain food (e.g., plants make food from air, water, sunlight, mineral nutrients; animals obtain food from other living things).	Report: Insect Study
SCI.5.1.3.8.a	Explain how plants and animals obtain food (e.g., plants make food from air, water, sunlight, mineral nutrients; animals obtain food from other living things).	Spore Bearing Plants: Ferns
SCI.5.1.3.9.a	Recognize and tell how some kinds of plants and animals survive well, some survive less well, and some cannot survive at all in particular environments, and provide examples.	Experiment: Flower Dissection
SCI.5.1.3.9.a	Recognize and tell how some kinds of plants and animals survive well, some survive less well, and some cannot survive at all in particular environments, and provide examples.	Seed Bearing Plants: Flowering Plants
SCI.5.1.3.9.a	Recognize and tell how some kinds of plants and animals survive well, some survive less well, and some cannot survive at all in particular environments, and provide examples.	Spore Bearing Plants: Ferns
SCI.5.1.3.9.b	Recognize and describe how individual plants and animals of the same kind differ in their characteristics and sometimes the differences give individuals an advantage in surviving and reproducing.	Spore Bearing Plants: Ferns
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Egg-Laying Vertebrates (Part 3)
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Energy Change

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SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Energy of Cells
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Experiment: Fossils
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Fossil Formation
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Fossil Formation: Location
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Fossil Formation: More Fossil Types
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	General Cell Composition
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Invertebrates: Life Cycles
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Living Things: Animals and Protozoa
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Living Things: Plants and Fungi
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Multi Cellular Invertebrates

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SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Oceans
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Other Natural Cycles: Life
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Project: Be Creative
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Project: Fossil Clues
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Project: Seed Hunt
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Structure and Function of Cells: Plants
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	The Earth: Fossils
SCI.5.1.3.9.c	Demonstrate or describe that fossils can be compared to one another and to living organisms according to their similarities and differences (i.e., some organisms that lived long ago are similar to existing organisms, but some are quite different).	Vertebrates: Life Cycles
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Balance of Nature: Life Needs
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Balance of Nature: Other Cycles
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Egg-Laying Vertebrates (Part 3)

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SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Energy Change
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	General Cell Composition
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Invertebrates: Life Cycles
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Living Things: Animals and Protozoa
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Living Things: Plants and Fungi
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Other Natural Cycles: Life
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Project: Be Creative
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Project: Seed Hunt
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Project: The Carbon Cycle
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Structure and Function of Cells: Plants
SCI.5.1.3.10.a	Describe how an organism's ability to survive is affected by a change in an ecosystem (e.g., the loss of one organism in a food chain affects all other organisms in that food chain).	Vertebrates: Life Cycles
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Balance of Nature: Dependence
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Balance of Nature: Other Cycles
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Energy of Cells
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Experiment: Seed Dissection
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Project: Food Chain

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SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Project: Prairie Food Chain
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Project: Special Environments
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Project: The Carbon Cycle
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	Report: Insect Study
SCI.5.1.3.10.b	Describe the path of substances (i.e., air, water, mineral nutrients) through a food chain.	The Prairie Web of Life: Food Chains
SCI.5.2.1.1.a	Identify the question being answered in an investigation.	Kinds of Rocks
SCI.5.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	Experiment: The Microscope
SCI.5.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	General Cell Composition
SCI.5.2.1.1.b	Ask questions about objects, organisms, and events based on observations of the natural world.	Structure and Function of Cells: Plants
SCI.5.2.1.1.c	Develop a new question that can be investigated with the same materials and/or data as a given investigation.	Kinds of Rocks
SCI.5.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Beans
SCI.5.2.1.2.a	Make predictions of the results of an investigation.	Experiment: Sunlight
SCI.5.2.1.2.a	Make predictions of the results of an investigation.	Kinds of Rocks
SCI.5.2.1.2.a	Make predictions of the results of an investigation.	Project: Build a Terrarium
SCI.5.2.1.2.a	Make predictions of the results of an investigation.	Scientific Inquiry
SCI.5.2.1.2.b.1	prediction	Project: Energy
SCI.5.2.1.2.b.1	prediction	Project: Examine a Mineral
SCI.5.2.1.2.b.1	prediction	Project: Go on a Rock Hunt
SCI.5.2.1.2.b.1	prediction	Project: Make A Collage
SCI.5.2.1.2.b.1	prediction	Project: Plants and Animals
SCI.5.2.1.2.b.1	prediction	Project: Rocks and Minerals
SCI.5.2.1.2.b.1	prediction	Project: Survey
SCI.5.2.1.2.b.1	prediction	Project: The Spider
SCI.5.2.1.2.b.1	prediction	Project: Weathering
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Energy
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Examine a Mineral
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Go on a Rock Hunt
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Make A Collage
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Plants and Animals
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Rocks and Minerals
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Survey
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: The Spider
SCI.5.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Weathering
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Energy
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Examine a Mineral
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Go on a Rock Hunt

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SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Make A Collage
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Plants and Animals
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Rocks and Minerals
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Survey
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: The Spider
SCI.5.2.1.2.b.3	variables kept the same (controlled)	Project: Weathering
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Energy
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Examine a Mineral
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Go on a Rock Hunt
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Make A Collage
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Plants and Animals
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Rocks and Minerals
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Survey
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: The Spider
SCI.5.2.1.2.b.4	one changed variable (manipulated)	Project: Weathering
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Energy
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Examine a Mineral
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Go on a Rock Hunt
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Make A Collage
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Plants and Animals
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Rocks and Minerals
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Survey
SCI.5.2.1.2.b.5	measured (responding) variable	Project: The Spider
SCI.5.2.1.2.b.5	measured (responding) variable	Project: Weathering
SCI.5.2.1.2.b.7	multiple trials	Project: Energy
SCI.5.2.1.2.b.7	multiple trials	Project: Examine a Mineral
SCI.5.2.1.2.b.7	multiple trials	Project: Go on a Rock Hunt
SCI.5.2.1.2.b.7	multiple trials	Project: Make A Collage
SCI.5.2.1.2.b.7	multiple trials	Project: Plants and Animals
SCI.5.2.1.2.b.7	multiple trials	Project: Rocks and Minerals
SCI.5.2.1.2.b.7	multiple trials	Project: Survey
SCI.5.2.1.2.b.7	multiple trials	Project: The Spider
SCI.5.2.1.2.b.7	multiple trials	Project: Weathering
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Energy
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Examine a Mineral
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Go on a Rock Hunt
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Make A Collage
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Plants and Animals
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Rocks and Minerals
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Survey
SCI.5.2.1.2.c.1	Identify multiple variables	Project: The Spider
SCI.5.2.1.2.c.1	Identify multiple variables	Project: Weathering
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Experiment: The Microscope
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	General Cell Composition
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Energy
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Examine a Mineral
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Go on a Rock Hunt
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Make A Collage

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SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Plants and Animals
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Rocks and Minerals
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Survey
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: The Spider
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Weathering
SCI.5.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Structure and Function of Cells: Plants
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Experiment: Pond Water
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Experiment: The Microscope
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Living Units
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Project: Be Creative
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Project: Energy
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Project: Examine a Mineral
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Project: Make A Collage
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Project: Survey
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Project: The Spider
SCI.5.2.1.2.b	Identify and use simple equipment and tools (such as magnifiers, rulers, balances, scales, and thermometers) to gather data and extend the senses.	Report: Robert Hooke
SCI.5.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Kinds of Rocks
SCI.5.2.1.3.c	Generate a scientific explanation of observed phenomena using given data.	Experiment: The Microscope
SCI.5.2.1.3.c	Generate a scientific explanation of observed phenomena using given data.	General Cell Composition
SCI.5.2.1.3.c	Generate a scientific explanation of observed phenomena using given data.	Structure and Function of Cells: Plants
SCI.5.2.1.3.d	Predict what logically might occur if an investigation lasted longer or was changed.	Kinds of Rocks

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SCI.5.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Oceans
SCI.5.2.1.4.a	List similarities and differences between a model and what the model represents (e.g., a hinge and an elbow; a spinning globe and Earth's rotations; steam from a tea kettle and clouds or fog).	Project: Globe
SCI.5.2.1.4.b	Create a simple model to represent common objects, events, systems, or processes (e.g., diagram or map and /or physical model).	Experiment: Fossils
SCI.5.2.1.4.b	Create a simple model to represent common objects, events, systems, or processes (e.g., diagram or map and /or physical model).	Other Natural Cycles: Seasons
SCI.5.2.1.4.b	Create a simple model to represent common objects, events, systems, or processes (e.g., diagram or map and /or physical model).	Project: Be Creative
SCI.5.2.1.4.b	Create a simple model to represent common objects, events, systems, or processes (e.g., diagram or map and /or physical model).	Project: Label the Skeleton
SCI.5.2.1.4.c	Investigate phenomena using a simple physical or computer model or simulation.	Experiment: Fossils
SCI.5.2.1.4.c	Investigate phenomena using a simple physical or computer model or simulation.	Kinds of Rocks
SCI.5.2.1.4.d	Describe reasons for using a model to investigate phenomena (e.g., processes that happen very slowly or quickly; things that are too small or too large for direct observation; phenomena that cannot be controlled or are potentially dangerous).	Experiment: Types of Changes
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Essay: Explain Cells
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Kinds of Rocks
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Fossil Clues
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Organs and Tissues
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Uses of Fungi
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Project: Walking Fern
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Reading Fossils: Difficulties
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Reading Fossils: Reconstruction
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Report: Insect Study
SCI.5.2.1.5.a	Report observations or data of simple investigations without making inferences.	Report: Protozoa
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Energy
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Examine a Mineral
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Go on a Rock Hunt
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Make A Collage
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Plants and Animals

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SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Rocks and Minerals
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Survey
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: The Spider
SCI.5.2.1.5.b.1	reasons for selecting the investigative plan	Project: Weathering
SCI.5.2.1.5.b.2	materials used in the investigation	Essay: Explain Cells
SCI.5.2.1.5.b.2	materials used in the investigation	Kinds of Rocks
SCI.5.2.1.5.b.2	materials used in the investigation	Report: Insect Study
SCI.5.2.1.5.b.3	observations, data, results	Essay: Explain Cells
SCI.5.2.1.5.b.3	observations, data, results	Experiment: Beans
SCI.5.2.1.5.b.3	observations, data, results	Experiment: Onion Cells
SCI.5.2.1.5.b.3	observations, data, results	Experiment: Orange
SCI.5.2.1.5.b.3	observations, data, results	Experiment: Sunlight
SCI.5.2.1.5.b.3	observations, data, results	Experiment: The Microscope
SCI.5.2.1.5.b.3	observations, data, results	General Cell Composition
SCI.5.2.1.5.b.3	observations, data, results	Kinds of Rocks
SCI.5.2.1.5.b.3	observations, data, results	Project: Build a Terrarium
SCI.5.2.1.5.b.3	observations, data, results	Project: Draw Flowers
SCI.5.2.1.5.b.3	observations, data, results	Project: Walking Fern
SCI.5.2.1.5.b.3	observations, data, results	Scientific Inquiry
SCI.5.2.1.5.b.3	observations, data, results	Structure and Function of Cells: Plants
SCI.5.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Future Sources (Part 2)
SCI.5.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Kinds of Rocks
SCI.5.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Report: Insect Study
SCI.5.2.2.2.a	Describe whether measurements and/or observations of phenomena are scientific facts.	Experiment: Orange
SCI.5.2.2.2.a	Describe whether measurements and/or observations of phenomena are scientific facts.	Experiment: The Microscope
SCI.5.2.2.2.a	Describe whether measurements and/or observations of phenomena are scientific facts.	General Cell Composition
SCI.5.2.2.2.a	Describe whether measurements and/or observations of phenomena are scientific facts.	Structure and Function of Cells: Plants
SCI.5.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Experiment: Orange
SCI.5.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Experiment: The Microscope
SCI.5.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	General Cell Composition
SCI.5.2.2.2.b	Describe whether a report of an observation is a scientific fact or an interpretation (e.g., seeing a light in the night sky versus seeing a star).	Structure and Function of Cells: Plants
SCI.5.2.2.3.a	Describe reasons why two similar investigations can produce different results (e.g., identify possible sources of error).	Experiment: Beans
SCI.5.2.2.3.a	Describe reasons why two similar investigations can produce different results (e.g., identify possible sources of error).	Project: Build a Terrarium

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SCI.5.2.2.3.a	Describe reasons why two similar investigations can produce different results (e.g., identify possible sources of error).	Scientific Inquiry
SCI.5.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Experiment: Beans
SCI.5.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Experiment: Sunlight
SCI.5.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Kinds of Rocks
SCI.5.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Project: Build a Terrarium
SCI.5.2.2.4.a	Describe how the method of investigation insures reliable results (i.e., reliability means that repeating an investigation gives similar results).	Scientific Inquiry
SCI.5.2.2.4.b	Identify and describe ways to increase the reliability of the results of an investigation (e.g., multiple trials of an investigation increase the reliability of the results).	Experiment: Beans
SCI.5.2.2.4.b	Identify and describe ways to increase the reliability of the results of an investigation (e.g., multiple trials of an investigation increase the reliability of the results).	Experiment: Sunlight
SCI.5.2.2.4.b	Identify and describe ways to increase the reliability of the results of an investigation (e.g., multiple trials of an investigation increase the reliability of the results).	Kinds of Rocks
SCI.5.2.2.4.b	Identify and describe ways to increase the reliability of the results of an investigation (e.g., multiple trials of an investigation increase the reliability of the results).	Scientific Inquiry
SCI.5.2.2.5.a	Describe how scientific inquiry results in facts, unexpected findings, ideas, evidence, and explanations.	Kinds of Rocks
SCI.5.2.2.5.b	Describe how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Kinds of Rocks
SCI.5.2.2.5.c	Explain how ideas about the natural and/or constructed world have changed because of scientific inquiry.	Kinds of Rocks
SCI.5.3.1.1.a	Describe an appropriate question that could lead to a possible solution to a problem.	Project: Be Creative
SCI.5.3.1.1.b	Describe how science and technology could be used to solve a human problem (e.g., using an electric lamp as a source of varied light for plant growth).	Seed Bearing Plants: Flowering Plants
SCI.5.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Experiment: The Microscope
SCI.5.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Project: Be Creative
SCI.5.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Project: Energy
SCI.5.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Project: Examine a Mineral

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SCI.5.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Project: Make A Collage
SCI.5.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Project: Survey
SCI.5.3.1.1.c	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., a student using the force of a stretched spring for a push or pull).	Project: The Spider
SCI.5.3.1.1.d	Describe how to scientifically gather information to develop a solution (e.g., find an acceptable information source, do an investigation, and collect data).	Kinds of Rocks
SCI.5.3.1.2.a.4	make a plan	Project: Energy
SCI.5.3.1.2.a.4	make a plan	Project: Examine a Mineral
SCI.5.3.1.2.a.4	make a plan	Project: Go on a Rock Hunt
SCI.5.3.1.2.a.4	make a plan	Project: Make A Collage
SCI.5.3.1.2.a.4	make a plan	Project: Plants and Animals
SCI.5.3.1.2.a.4	make a plan	Project: Rocks and Minerals
SCI.5.3.1.2.a.4	make a plan	Project: Survey
SCI.5.3.1.2.a.4	make a plan	Project: The Spider
SCI.5.3.1.2.a.4	make a plan	Project: Weathering
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Energy
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Examine a Mineral
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Go on a Rock Hunt
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Make A Collage
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Plants and Animals
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Rocks and Minerals
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Survey
SCI.5.3.1.2.a.5	list steps to do the plan	Project: The Spider
SCI.5.3.1.2.a.5	list steps to do the plan	Project: Weathering
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Chemical Energy
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Conservation of Matter
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Evaporation
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Heat Energy
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Mold
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Sunlight
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Volume
SCI.5.3.1.2.a.6	scientifically test solutions	Experiment: Water Container
SCI.5.3.1.2.b	Describe the reason(s) for the effectiveness of a solution to a problem or challenge.	Project: Be Creative
SCI.5.3.1.3.a	Identify the criteria for an acceptable solution to a problem or challenge.	Project: Be Creative
SCI.5.3.1.3.b	Describe the reason(s) for the effectiveness of a solution to a problem or challenge using scientific concepts and principles.	Project: Be Creative
SCI.5.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Be Creative
SCI.5.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Plants and Animals
SCI.5.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: The Carbon Cycle

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SCI.5.3.1.3.c	Describe the consequences of the solution to a problem or challenge (e.g., sharpening a crayon results in using up crayons faster).	Project: Weathering
SCI.5.3.1.3.d	Describe how to change a system to solve a problem or improve a solution to a problem.	Project: Be Creative
SCI.5.3.1.3.e	Test how well a solution works based on criteria, and recommend and justify, with scientific concepts or principles and data, how to make it better (e.g., sharpen a crayon using sandpaper; one grit is better than another).	Project: Be Creative
SCI.5.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Energy Concerns
SCI.5.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Project: Antoine Lavoisier
SCI.5.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Project: Comets
SCI.5.3.2.1.a	Describe how individuals of diverse backgrounds have made significant scientific discoveries or technological advances.	Report: Anton Van Leeuwenhoek
SCI.5.3.2.1.b	Describe how advancements in science and technology have developed over time and with contributions from diverse people.	Energy Concerns
SCI.5.3.2.2.a	Describe how common tools help people design ways to adapt to different environments (e.g., sewing needle to make clothes).	Experiment: The Microscope
SCI.5.3.2.2.a	Describe how common tools help people design ways to adapt to different environments (e.g., sewing needle to make clothes).	Project: Energy
SCI.5.3.2.2.a	Describe how common tools help people design ways to adapt to different environments (e.g., sewing needle to make clothes).	Project: Examine a Mineral
SCI.5.3.2.2.a	Describe how common tools help people design ways to adapt to different environments (e.g., sewing needle to make clothes).	Project: Make A Collage
SCI.5.3.2.2.a	Describe how common tools help people design ways to adapt to different environments (e.g., sewing needle to make clothes).	Project: Survey
SCI.5.3.2.2.a	Describe how common tools help people design ways to adapt to different environments (e.g., sewing needle to make clothes).	Project: The Spider
SCI.5.3.2.2.b	Describe how scientific ideas and discoveries are used to design solutions to human problems, extend human ability, or help humans adapt to different environments (e.g., prosthetics used to replace lost limbs).	Project: Antoine Lavoisier
SCI.5.3.2.2.b	Describe how scientific ideas and discoveries are used to design solutions to human problems, extend human ability, or help humans adapt to different environments (e.g., prosthetics used to replace lost limbs).	Project: Be Creative
SCI.5.3.2.2.b	Describe how scientific ideas and discoveries are used to design solutions to human problems, extend human ability, or help humans adapt to different environments (e.g., prosthetics used to replace lost limbs).	Report: Anton Van Leeuwenhoek

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SCI.5.3.2.4.b	Describe the effects conservation has on the environment.	Experiment: Flower Dissection
SCI.5.3.2.4.b	Describe the effects conservation has on the environment.	Seed Bearing Plants: Flowering Plants
SCI.5.3.2.4.c	Describe the effects of humans on the health of an ecosystem.	Egg-Laying Vertebrates
SCI.5.3.2.4.c	Describe the effects of humans on the health of an ecosystem.	Energy Concerns
SCI.5.3.2.4.c	Describe the effects of humans on the health of an ecosystem.	Humans and the Web of Life (Part 2)
SCI.5.3.2.4.c	Describe the effects of humans on the health of an ecosystem.	Project: Use the News
SCI.5.3.2.4.d	Describe how humans can cause changes in the environment that affect the livability of the environment for humans.	Energy Concerns
SCI.5.3.2.4.d	Describe how humans can cause changes in the environment that affect the livability of the environment for humans.	Humans and the Web of Life (Part 2)
SCI.5.3.2.4.d	Describe how humans can cause changes in the environment that affect the livability of the environment for humans.	Project: Use the News
SCI.5.3.2.4.e	Describe the limited resources humans depend on and how changes in these resources affect the livability of the environment for humans.	Energy Concerns
SCI.5.3.2.4.e	Describe the limited resources humans depend on and how changes in these resources affect the livability of the environment for humans.	Other Natural Cycles: Seasons
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 2-3	
Grade:	Grades: 4-5	
Section	Description	Lesson Title
SCI.4-5.1.4-5 SYSA.1	Identify at least one of the subsystems of an object, plant, or animal (e.g., an airplane contains subsystems for propulsion, landing, and control).	Spore Bearing Plants: Ferns
SCI.4-5.1.4-5 SYSA.1	Identify at least one of the subsystems of an object, plant, or animal (e.g., an airplane contains subsystems for propulsion, landing, and control).	Spore Bearing Plants: Life Stages
SCI.4-5.1.4-5 SYSB.1	Specify how a system can do things that none of its subsystems can do by themselves (e.g., a forest ecosystem can sustain itself, while the trees, soil, plant, and animal populations cannot).	Egg-Laying Vertebrates
SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.	Earth Structures
SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.	Kinds of Rocks
SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.	Reading Fossils: Difficulties
SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.	Reading Fossils: Reconstruction
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Conservation of Matter

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SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Fossils
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Mold
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Onion Cells
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: Orange
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Experiment: The Microscope
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	General Cell Composition
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Mountains
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Other Natural Cycles: Water Cycle
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Antoine Lavoisier
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Draw Flowers
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Energy
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Examine a Mineral
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Globe

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SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Go on a Rock Hunt
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Landforms
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Make A Collage
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Plants and Animals
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Rocks and Minerals
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Survey
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: The Spider
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Project: Weathering
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Report: Anton Van Leeuwenhoek
SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.	Structure and Function of Cells: Plants
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Earth Structures
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Experiment: The Microscope
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Kinds of Rocks
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Project: Energy

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SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Project: Examine a Mineral
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Project: Make A Collage
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Project: Survey
SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out an investigation, selecting appropriate tools and demonstrating safe and careful use of equipment.	Project: The Spider
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Beans
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Chemical Energy
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Chicken Egg
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Cones
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Conservation of Matter
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Erosion
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Evaporation
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Heat Energy
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Mealworm
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Mold
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Paperclip
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Stem
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Sunlight
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Volume

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SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Experiment: Water Container
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Project: Antoine Lavoisier
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Project: Uses of Fungi
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Report: Anton Van Leeuwenhoek
SCI.4-5.2.4-5 INQC.1	Conduct or critique an experiment, noting when the experiment might not be fair because some of the things that might change the outcome are not kept the same.	Scientific Inquiry
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Chemical Energy
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Chicken Egg
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Cones
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Conservation of Matter
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Erosion
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Evaporation
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Heat Energy
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Mealworm
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Experiment: Mold
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Project: Build a Terrarium
SCI.4-5.2.4-5 INQD.1	Gather, record, and organize data using appropriate units, tables, graphs, or maps.	Project: Label the Skeleton
SCI.4-5.2.4-5 INQF.1	Create a simple model to represent an event, system, or process.	Experiment: Fossils
SCI.4-5.2.4-5 INQF.1	Create a simple model to represent an event, system, or process.	Mountains
SCI.4-5.2.4-5 INQF.1	Create a simple model to represent an event, system, or process.	Other Natural Cycles: Water Cycle
SCI.4-5.2.4-5 INQF.1	Create a simple model to represent an event, system, or process.	Project: Globe
SCI.4-5.2.4-5 INQF.1	Create a simple model to represent an event, system, or process.	Project: Landforms
SCI.4-5.2.4-5 INQF.1	Create a simple model to represent an event, system, or process.	The Earth: Changes in the Earth
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Chemical Energy
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Chicken Egg

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SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Cones
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Erosion
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Evaporation
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Fossils
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Mealworm
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Experiment: Mold
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Mountains
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Other Natural Cycles: Water Cycle
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Project: Globe
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	Project: Landforms
SCI.4-5.2.4-5 INQF.2	Use the model to learn something about the event, system, or process.	The Earth: Changes in the Earth
SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Experiment: Fossils
SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Mountains
SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Oceans
SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Other Natural Cycles: Water Cycle
SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Project: Globe
SCI.4-5.2.4-5 INQF.3	Explain how the model is similar to and different from the thing being modeled.	Project: Landforms
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Earth Structures
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Experiment: Onion Cells
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Experiment: Orange
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Kinds of Rocks
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Project: Draw Flowers
SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Reading Fossils: Difficulties

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SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.	Reading Fossils: Reconstruction
SCI.4-5.2.4-5 INQH.1	Display the findings of an investigation, using tables, graphs, or other visual means to represent the data accurately and meaningfully.	Earth Structures
SCI.4-5.2.4-5 INQH.1	Display the findings of an investigation, using tables, graphs, or other visual means to represent the data accurately and meaningfully.	Kinds of Rocks
SCI.4-5.2.4-5 INQH.1	Display the findings of an investigation, using tables, graphs, or other visual means to represent the data accurately and meaningfully.	Project: Label the Skeleton
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Earth Structures
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Essay: Explain Cells
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Experiment: Beans
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Experiment: Onion Cells
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Experiment: Orange
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Experiment: Sunlight
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Kinds of Rocks
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Draw Flowers
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Project: Walking Fern
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Report: Insect Study
SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.	Scientific Inquiry
SCI.4-5.2.4-5 INQH.3	Respond non-defensively to comments and questions about their investigation.	Earth Structures
SCI.4-5.2.4-5 INQH.3	Respond non-defensively to comments and questions about their investigation.	Kinds of Rocks
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Essay: Explain Cells
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Experiment: Beans
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Experiment: Sunlight
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Report: Insect Study
SCI.4-5.2.4-5 INQH.4	Discuss differences in findings and conclusions reported by other students.	Scientific Inquiry
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Experiment: Onion Cells
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Experiment: Orange

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SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Experiment: The Microscope
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	General Cell Composition
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Project: Draw Flowers
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Scientific Inquiry
SCI.4-5.2.4-5 INQI.1	Explain why records of observations must never be changed, even when the observations do not match expectations.	Structure and Function of Cells: Plants
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Chemical Energy
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Conservation of Matter
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Heat Energy
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Volume
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Experiment: Water Container
SCI.4-5.3.4-5 APPB.1	Give examples of how people around the world use different materials or technologies to solve the same problem (e.g., people in different countries use different materials to build their houses).	Project: Comets
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Chemical Energy
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Conservation of Matter
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Heat Energy
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Volume
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Experiment: Water Container
SCI.4-5.3.4-5 APPC.1	Define a problem and list several criteria for a successful solution.	Project: Be Creative
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Chemical Energy

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SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Conservation of Matter
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Heat Energy
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Volume
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Experiment: Water Container
SCI.4-5.3.4-5 APPC.2	Research the problem to better understand the need and to see how others have solved similar problems.	Project: Be Creative
SCI.4-5.3.4-5 APPD.1	Work with other students to generate possible solutions to a problem and agree on the most promising solution based on how well each different idea meets the criteria for a successful solution.	Project: Be Creative
SCI.4-5.3.4-5 APPD.1	Work with other students to generate possible solutions to a problem and agree on the most promising solution based on how well each different idea meets the criteria for a successful solution.	Project: Build a Terrarium
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Experiment: Cheek Cells
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Experiment: Fossils
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Experiment: The Microscope
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Mountains
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Other Natural Cycles: Water Cycle
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Be Creative
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Energy
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Examine a Mineral
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Globe
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Landforms
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Make A Collage
SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: Survey

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SCI.4-5.3.4-5 APPE.1	Use suitable tools, techniques, and materials to make a drawing or build a model or prototype of the proposed design.	Project: The Spider
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Chemical Energy
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Conservation of Matter
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Heat Energy
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Volume
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Experiment: Water Container
SCI.4-5.3.4-5 APPE.2	Test the solution to see how well that solution solves the problem. Modify the design, if necessary.	Project: Be Creative
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Essay: Explain Cells
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Experiment: Beans
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Experiment: Cheek Cells
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Experiment: Sunlight
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Future Sources (Part 2)
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Project: Be Creative
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Report: Insect Study
SCI.4-5.3.4-5 APPF.1	Communicate the solution, results of any tests, and modifications persuasively, using oral, written, and/or pictorial representations of the process and product.	Scientific Inquiry
SCI.4-5.3.4-5 APPG.1	Describe specific ways that science and technology have improved the quality of the students' lives.	Energy Concerns
SCI.4-5.4.4-5 PS1A.1	Use a spring scale to measure the weights of several objects accurately. Explain that the weight of an object is a measure of the force of gravity on the object. Record the measurements in a table.	Project: Antoine Lavoisier
SCI.4-5.4.4-5 PS1A.1	Use a spring scale to measure the weights of several objects accurately. Explain that the weight of an object is a measure of the force of gravity on the object. Record the measurements in a table.	Report: Anton Van Leeuwenhoek
SCI.4-5.4.4-5 PS1B.1	Measure the distance that an object travels in a given interval of time and compare it with the distance that another object moved in the same interval of time to determine which is fastest.	Mountains

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SCI.4-5.4.4-5 PS1B.2	Measure the time it takes two objects to travel the same distance and determine which is fastest.	Mountains
SCI.4-5.4.4-5 PS2A.1	Explain that water is still the same substance when it is frozen as ice or evaporated and becomes a gas.	Experiment: Evaporation
SCI.4-5.4.4-5 PS2C.1	Explain that dissolved substances have not disappeared, and cite evidence to determine that the substance is still there (e.g., sprinkle sugar on cereal, add milk, and you can taste it even though you can no longer see the sugar).	Reading Fossils: Difficulties
SCI.4-5.4.4-5 PS2C.1	Explain that dissolved substances have not disappeared, and cite evidence to determine that the substance is still there (e.g., sprinkle sugar on cereal, add milk, and you can taste it even though you can no longer see the sugar).	Reading Fossils: Reconstruction
SCI.4-5.4.4-5 PS2C.3	If an object is weighed, then broken into small pieces, predict that the small pieces will weigh the same as the large piece. Explain why the weight will be the same.	Experiment: Conservation of Matter
SCI.4-5.4.4-5 PS2C.3	If an object is weighed, then broken into small pieces, predict that the small pieces will weigh the same as the large piece. Explain why the weight will be the same.	Matter: Conservation
SCI.4-5.4.4-5 PS3A.1	Identify different forms of energy (e.g., heat, light, sound, motion, electricity) in a system.	Chemical Energy
SCI.4-5.4.4-5 PS3A.1	Identify different forms of energy (e.g., heat, light, sound, motion, electricity) in a system.	Energy Change
SCI.4-5.4.4-5 PS3A.1	Identify different forms of energy (e.g., heat, light, sound, motion, electricity) in a system.	Order: Energy
SCI.4-5.4.4-5 PS3A.1	Identify different forms of energy (e.g., heat, light, sound, motion, electricity) in a system.	Work From Energy
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Energy
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Energy Change
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Order: Energy
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Project: Be Creative
SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Project: Label the Skeleton

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SCI.4-5.4.4-5 PS3B.1	Draw and label diagrams showing several ways that energy can be transferred from one place to another (e.g., sound energy passing through air, electrical energy through a wire, heat energy conducted through a frying pan, light energy through space).	Work From Energy
SCI.4-5.4.4-5 PS3C.1	Identify several ways to generate heat energy (e.g., lighting a match, rubbing hands together, or mixing different kinds of chemicals together).	Energy
SCI.4-5.4.4-5 PS3C.1	Identify several ways to generate heat energy (e.g., lighting a match, rubbing hands together, or mixing different kinds of chemicals together).	Energy Change
SCI.4-5.4.4-5 PS3C.1	Identify several ways to generate heat energy (e.g., lighting a match, rubbing hands together, or mixing different kinds of chemicals together).	Forms of Energy
SCI.4-5.4.4-5 PS3C.1	Identify several ways to generate heat energy (e.g., lighting a match, rubbing hands together, or mixing different kinds of chemicals together).	Order: Energy
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Energy
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Energy Change
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Experiment: Sunlight
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Forms of Energy
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Order: Energy
SCI.4-5.4.4-5 PS3C.2	Give examples of two different ways that heat energy can move from one place to another, and explain which direction the heat moves (e.g., when placing a pot on the stove, heat moves from the hot burner to the cooler pot).	Work From Energy
SCI.4-5.4.4-5 PS3D.1	Demonstrate how sound can be generated by vibrations, and explain how sound energy is transferred through the air from a source to an observer.	Order: Energy
SCI.4-5.4.4-5 PS3D.1	Demonstrate how sound can be generated by vibrations, and explain how sound energy is transferred through the air from a source to an observer.	Work From Energy
SCI.4-5.4.4-5 PS3E.1	Connect wires to produce a complete circuit involving a battery and at least one other electrical component to produce observable change (e.g., light a bulb, sound a buzzer, and make a bell ring).	Order: Energy
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Chemical Energy

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SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Energy Change
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Forms of Energy
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Order: Energy
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Sources of Heat Energy (Part 2)
SCI.4-5.4.4-5 PS3E.3	Describe how electrical energy is transferred from one place to another, and how it is transformed from electrical energy to different kinds of energy in the circuit above.	Work From Energy
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	Features of the Earth
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	Reading Fossils: Difficulties
SCI.4-5.4.4-5 ES1A.1	Give evidence to support the idea that Earth is spherical in shape (e.g., research Earth images from space, shape of Earth's shadow on the Moon during an eclipse of the Moon).	Reading Fossils: Reconstruction
SCI.4-5.4.4-5 ES1A.2	Draw how objects would fall when dropped from various places around Earth, demonstrating that all things fall "down" toward Earth's center.	Features of the Earth
SCI.4-5.4.4-5 ES1B.1	Use a physical model or diagram to show that Earth's spin causes night and day.	Experiment: Fossils
SCI.4-5.4.4-5 ES1B.1	Use a physical model or diagram to show that Earth's spin causes night and day.	Project: Be Creative
SCI.4-5.4.4-5 ES1B.1	Use a physical model or diagram to show that Earth's spin causes night and day.	Project: Label the Skeleton
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	Experiment: Fossils
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	Other Natural Cycles: Seasons
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	Project: Be Creative
SCI.4-5.4.4-5 ES1C.1	Use a physical model or diagram to show how the different constellations are visible in different seasons, as a consequence of Earth orbiting the sun.	Project: Label the Skeleton
SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	Other Natural Cycles: Comets
SCI.4-5.4.4-5 ES1D.1	Identify that the Solar System contains only one star, the Sun.	Other Natural Cycles: Seasons
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Experiment: Volume

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SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Features of the Earth
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Matter: Properties of Matter (Part 2)
SCI.4-5.4.4-5 ES2A.1	Describe Earth materials and list their physical and chemical properties.	Rocks on the Earth's Surface
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Experiment: Volume
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Features of the Earth
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Matter: Properties of Matter
SCI.4-5.4.4-5 ES2A.2	Explain how the properties of an Earth material make it useful for certain purposes, but not useful for other purposes (e.g., rocks are heavy and strong so they are good for building walls, but they are not as useful as lighter materials for roofs).	Order: Matter
SCI.4-5.4.4-5 ES2A.3	Give examples of human-made materials, including those that are changed only a little (e.g., wood and stones used for building) and those that look very different from the raw materials (e.g., metal, ceramics, and plastics).	Igneous Structures
SCI.4-5.4.4-5 ES2A.3	Give examples of human-made materials, including those that are changed only a little (e.g., wood and stones used for building) and those that look very different from the raw materials (e.g., metal, ceramics, and plastics).	Project: Go on a Rock Hunt
SCI.4-5.4.4-5 ES2A.3	Give examples of human-made materials, including those that are changed only a little (e.g., wood and stones used for building) and those that look very different from the raw materials (e.g., metal, ceramics, and plastics).	Project: Rocks and Minerals
SCI.4-5.4.4-5 ES2B.1	Describe and give examples of the physical and chemical processes of weathering of rock.	Earth Changes
SCI.4-5.4.4-5 ES2B.1	Describe and give examples of the physical and chemical processes of weathering of rock.	Forces From Under the Surface
SCI.4-5.4.4-5 ES2B.1	Describe and give examples of the physical and chemical processes of weathering of rock.	Matter: Changes in Matter
SCI.4-5.4.4-5 ES2B.1	Describe and give examples of the physical and chemical processes of weathering of rock.	Other Natural Cycles: Seasons
SCI.4-5.4.4-5 ES2B.1	Describe and give examples of the physical and chemical processes of weathering of rock.	Results of Forces
SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Erosion and Sediment
SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Experiment: Erosion
SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Landforms

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SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Living Things
SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Project: Landforms
SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Results of Forces
SCI.4-5.4.4-5 ES2C.1	Describe the forces of water and wind as major causes of erosion.	Surface Forces (Part 2)
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Experiment: Erosion
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Forces From Under the Surface
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Landforms
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Living Things
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Other Natural Cycles: Seasons
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Project: Landforms
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Results of Forces
SCI.4-5.4.4-5 ES2C.2	Identify local examples where erosion has occurred and describe the processes that most likely caused the erosion.	Surface Forces (Part 2)
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Earth Changes
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Erosion and Sediment
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Essay: Volcanic Eruptions
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Experiment: Erosion
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Forces From Under the Surface

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SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Forces From Under the Surface (Part 2)
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Fossil Formation: Local Deposits
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Internal Structures
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Living Things: Balance of Life
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Oceans
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Other Natural Cycles: Seasons
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Plate Tectonics
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Project: Volcano Summary
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Results of Forces
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 ES2D.1	Explain how the formation of soils is related to the following processes: weathering of rock; decay of plant matter; settling of volcanic ash; transport by rain, streams, and rivers; deposition of sediments in rivers and lakes.	The Earth: Changes in the Earth
SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Earth Changes

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SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Experiment: Volume
SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Matter: Properties of Matter (Part 2)
SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Project: Uses of Fungi
SCI.4-5.4.4-5 ES2E.1	Compare different layers in soil with respect to physical properties (e.g., color, texture, particle size, amount of dead plant and animal material, capacity for holding water).	Rocks on the Earth's Surface
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Erosion and Sediment
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Experiment: Erosion
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Forces From Under the Surface
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Landforms
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Living Things
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Other Natural Cycles: Seasons
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Project: Landforms
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Results of Forces
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	Surface Forces (Part 2)
SCI.4-5.4.4-5 ES2F.1	Explain the role that erosion plays in forming soils and how erosion can also deplete soils.	The Earth: Changes in the Earth
SCI.4-5.4.4-5 ES2F.2	Describe methods people use to reduce soil erosion.	Experiment: Erosion
SCI.4-5.4.4-5 ES2F.2	Describe methods people use to reduce soil erosion.	Landforms
SCI.4-5.4.4-5 ES2F.2	Describe methods people use to reduce soil erosion.	Living Things
SCI.4-5.4.4-5 ES2F.2	Describe methods people use to reduce soil erosion.	Project: Landforms
SCI.4-5.4.4-5 ES2F.2	Describe methods people use to reduce soil erosion.	Results of Forces
SCI.4-5.4.4-5 ES2F.2	Describe methods people use to reduce soil erosion.	Surface Forces (Part 2)
SCI.4-5.4.4-5 ES3A.1	Describe an event that could cause the formation of a given fossil (e.g., the plant or animal may have been buried in sediment that hardened into rock and left an imprint, or dissolved minerals may have seeped into a piece of wood and hardened into rock).	Experiment: Erosion
SCI.4-5.4.4-5 ES3A.1	Describe an event that could cause the formation of a given fossil (e.g., the plant or animal may have been buried in sediment that hardened into rock and left an imprint, or dissolved minerals may have seeped into a piece of wood and hardened into rock).	Spore Bearing Plants: Ferns

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SCI.4-5.4.4-5 ES3A.1	Describe an event that could cause the formation of a given fossil (e.g., the plant or animal may have been buried in sediment that hardened into rock and left an imprint, or dissolved minerals may have seeped into a piece of wood and hardened into rock).	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Experiment: Flower Dissection
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Experiment: Fossils
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Fossil Formation
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Fossil Formation: Location
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Fossil Formation: More Fossil Types
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Living Things
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Mountains
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Project: Fossil Clues
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Project: Look for Fossils
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Reading Fossils: Animal Fossils
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Reading Fossils: Animal Fossils (Part 2)
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Reading Fossils: Difficulties

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SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Reading Fossils: Identification
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Reading Fossils: Reconstruction
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	Seed Bearing Plants: Flowering Plants
SCI.4-5.4.4-5 ES3B.1	Infer from a picture of several fossils in a layer of rock the environmental conditions that existed when the fossils were formed (e.g., fish fossils would indicate that a body of water existed at the time the fossils formed).	The Earth: Fossils
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Fungi
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	One-celled Fungi: Yeasts
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Project: Label the Skeleton
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Project: Organism Report
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Project: Uses of Fungi
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS1A.1	Sort plants and animals according to their structures (e.g., presence of hair, feathers, or scales on their skin) and behaviors (e.g., grazing, hunting, or diving for food).	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS1B.1	List parts of an animal's body and describe how it helps the animal meet its basic needs (e.g., the bones support the body so it can move; the blood carries food and oxygen throughout the body).	Energy of Cells
SCI.4-5.4.4-5 LS1B.1	List parts of an animal's body and describe how it helps the animal meet its basic needs (e.g., the bones support the body so it can move; the blood carries food and oxygen throughout the body).	Experiment: Seed Dissection
SCI.4-5.4.4-5 LS1B.1	List parts of an animal's body and describe how it helps the animal meet its basic needs (e.g., the bones support the body so it can move; the blood carries food and oxygen throughout the body).	Project: Label the Skeleton
SCI.4-5.4.4-5 LS1B.1	List parts of an animal's body and describe how it helps the animal meet its basic needs (e.g., the bones support the body so it can move; the blood carries food and oxygen throughout the body).	Report: Insect Study

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SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Humans and the Web of Life
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS1C.1	Give examples of how plants and animals respond to their environment (e.g., many plants grow toward the light, animals hide when they see a predator).	The Prairie Web of Life (Part 2)
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Energy of Cells
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Experiment: Seed Dissection
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Report: Insect Study
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS1D.1	Give examples of how plants and animals respond to internal needs (e.g., plants wilt when they don't have water; animals seek food when they are hungry).	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS1E.1	Describe how various types of foods contribute to the maintenance of healthy body structures.	Energy of Cells
SCI.4-5.4.4-5 LS1E.1	Describe how various types of foods contribute to the maintenance of healthy body structures.	Experiment: Seed Dissection
SCI.4-5.4.4-5 LS1E.1	Describe how various types of foods contribute to the maintenance of healthy body structures.	Report: Insect Study
SCI.4-5.4.4-5 LS1E.2	Based on the above list, develop a balanced plan for eating that will allow you to build and maintain your body.	Energy of Cells
SCI.4-5.4.4-5 LS1E.2	Based on the above list, develop a balanced plan for eating that will allow you to build and maintain your body.	Experiment: Seed Dissection
SCI.4-5.4.4-5 LS1E.2	Based on the above list, develop a balanced plan for eating that will allow you to build and maintain your body.	Report: Insect Study
SCI.4-5.4.4-5 LS2A.1	Identify the living and nonliving parts of an ecosystem.	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS2A.1	Identify the living and nonliving parts of an ecosystem.	Project: The Carbon Cycle
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Balance of Nature: Dependence
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Balance of Nature: Other Cycles
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Egg-Laying Vertebrates

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SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Energy of Cells
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Project: Food Chain
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Project: Organism Report
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Project: Prairie Food Chain
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Project: Special Environments
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	The Prairie Web of Life (Part 2)
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	The Prairie Web of Life: Food Chains
SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Vertebrates: Life Cycles

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SCI.4-5.4.4-5 LS2A.2	Give examples to show how the plants and animals depend on one another for survival (e.g., worms decompose waste and return nutrients to the soil, which helps plants grow).	Worms and Mollusks
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Project: The Carbon Cycle
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS2A.3	Describe how the plants and animals in an ecosystem depend on nonliving resources.	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Balance of Nature: Dependence
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Balance of Nature: Other Cycles
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Energy of Cells
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Living Things: Balance of Life
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Project: Food Chain
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Project: Organism Report
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Project: Prairie Food Chain
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Project: Special Environments
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Spore Bearing Plants: Life Stages

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SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	The Prairie Web of Life
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	The Prairie Web of Life (Part 2)
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	The Prairie Web of Life: Food Chains
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Vertebrates: Life Cycles
SCI.4-5.4.4-5 LS2B.1	Explain that plants make their own food, and animals, including humans, get food by eating plants and/or eating other animals.	Worms and Mollusks
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Balance of Nature: Dependence
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Egg-Laying Vertebrates (Part 3)
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Energy Change
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	General Cell Composition
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Living Things: Animals and Protozoa
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Living Things: Balance of Life
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Project: Be Creative
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Project: Food Chain
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Project: Prairie Food Chain
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Project: Seed Hunt

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SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Project: Special Environments
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Structure and Function of Cells: Plants
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	The Prairie Web of Life
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	The Prairie Web of Life (Part 2)
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	The Prairie Web of Life: Food Chains
SCI.4-5.4.4-5 LS2C.1	Draw a simple food web given a list of three common organisms. Draw arrows properly and identify the producers and consumers.	Vertebrates: Life Cycles
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Balance of Nature: Dependence
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Balance of Nature: Other Cycles
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Energy of Cells
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Fungi
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Living Things: Balance of Life
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Mineral Cycle
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Project: Food Chain
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Project: Prairie Food Chain
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Project: Special Environments
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Report: Insect Study
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	The Prairie Web of Life
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	The Prairie Web of Life (Part 2)
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	The Prairie Web of Life: Food Chains
SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Vertebrates: Life Cycles

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SCI.4-5.4.4-5 LS2C.2	Compare the roles of producers, consumers, and decomposers in an ecosystem.	Worms and Mollusks
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Balance of Nature: Other Cycles
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Energy of Cells
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Other Natural Cycles: Seasons
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Project: Food Chain
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Project: Prairie Food Chain
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Project: Special Environments
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	The Prairie Web of Life (Part 2)

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SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	The Prairie Web of Life: Food Chains
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Vertebrates: Life Cycles
SCI.4-5.4.4-5 LS2D.1	Apply knowledge of a plant or animal's relationship to its ecosystem and to other plants and animals to predict whether and how a slow or rapid change in the ecosystem might affect the population of that plant or animal.	Worms and Mollusks
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Balance of Nature: Dependence
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Balance of Nature: Other Cycles
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Energy of Cells
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Project: Food Chain
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Project: Organism Report
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Project: Prairie Food Chain

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SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Project: Special Environments
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	The Prairie Web of Life (Part 2)
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	The Prairie Web of Life: Food Chains
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Vertebrates: Life Cycles
SCI.4-5.4.4-5 LS2E.1	Describe how one population may affect other plants and/or animals in the ecosystem (e.g., increase in Scotch Broom replaces native plants normally eaten by butterfly caterpillars, reducing the butterfly population).	Worms and Mollusks
SCI.4-5.4.4-5 LS2F.1	Describe ways that humans can improve the health of ecosystems (e.g., recycling wastes, establishing rain gardens, planting native species to prevent flooding and erosion).	Energy Concerns
SCI.4-5.4.4-5 LS2F.1	Describe ways that humans can improve the health of ecosystems (e.g., recycling wastes, establishing rain gardens, planting native species to prevent flooding and erosion).	Humans and the Web of Life (Part 2)
SCI.4-5.4.4-5 LS2F.1	Describe ways that humans can improve the health of ecosystems (e.g., recycling wastes, establishing rain gardens, planting native species to prevent flooding and erosion).	Project: Use the News
SCI.4-5.	Describe ways that humans can harm the health of ecosystems (e.g., overuse of fertilizers, littering, not recycling)	Energy Concerns
SCI.4-5.	Describe ways that humans can harm the health of ecosystems (e.g., overuse of fertilizers, littering, not recycling)	Humans and the Web of Life (Part 2)
SCI.4-5.	Describe ways that humans can harm the health of ecosystems (e.g., overuse of fertilizers, littering, not recycling)	Project: Use the News
SCI.4-5.4.4-5 LS3A.2	Evaluate similar populations in an ecosystem with regard to their ability to thrive and grow (e.g., bird populations with differently colored feathers).	Seed Bearing Plants: Flowering Plants

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SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Essay: Explain Cells
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Experiment: Flower Dissection
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Report: Insect Study
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Seed Bearing Plants: Flowering Plants
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS3B.1	Communicate that plants and animals inherit many characteristics (e.g., color of a flower or number of limbs at birth) from the parents of the plant or animal.	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Balance of Nature: Life Needs
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Egg-Laying Vertebrates (Part 3)
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Energy Change
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Experiment: Flower Dissection
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	General Cell Composition
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Living Things: Animals and Protozoa
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Project: Be Creative
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Project: Seed Hunt

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SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Structure and Function of Cells: Plants
SCI.4-5.4.4-5 LS3B.2	Give examples to illustrate an inherited characteristic that would enable an organism to better survive and reproduce in a given ecosystem.	Vertebrates: Life Cycles
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Balance of Nature: Dependence
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Balance of Nature: Other Cycles
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Egg-Laying Vertebrates
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Energy of Cells
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Invertebrates: Life Cycles
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Living Things: Plants and Fungi
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Other Natural Cycles: Life
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Project: Food Chain

**Alignment Report for Science 500
Washington - Science - Grades 3-5**

SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Project: Organism Report
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Project: Prairie Food Chain
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Project: Special Environments
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	The Prairie Web of Life (Part 2)
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	The Prairie Web of Life: Food Chains
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Vertebrates: Life Cycles
SCI.4-5.4.4-5 LS3C.1	Use an example to explain that some characteristics or behaviors result from an individual plant's or animal's interactions with the environment and are not passed from one generation to the next by heredity (e.g., trees can lose a limb, animals can have accidents that cause scars, people can exercise and build muscles).	Worms and Mollusks

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SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Experiment: Fossils
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Fossil Formation
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Fossil Formation: More Fossil Types
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Multi Cellular Invertebrates
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Project: Fossil Clues
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Project: Look for Fossils
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Reading Fossils: Animal Fossils
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Reading Fossils: Animal Fossils (Part 2)
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Reading Fossils: Difficulties
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Reading Fossils: Identification
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Reading Fossils: Reconstruction
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Spore Bearing Plants: Ferns
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	Spore Bearing Plants: Life Stages
SCI.4-5.4.4-5 LS3D.1	Compare fossils with one another and with living plants and animals to illustrate that fossils provide evidence that plant and animal species have changed over time.	The Earth: Fossils

**Alignment Report for Earth Science
Washington - Science - Grades 6-8**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Science
Grade:	Grade 6
Grade:	Grade 7
Grade:	Grade 8

Section	Description	Lesson Title
SCI.8.1.1.1.a	Identify an unknown substance using the properties of a known substance.	Clouds and Precipitation
SCI.8.1.1.1.b	Recognize that the mass of an object is the same when measured anywhere in the universe at any normal speed.	Future Exploration
SCI.8.1.1.1.b	Recognize that the mass of an object is the same when measured anywhere in the universe at any normal speed.	Project: Identifying Galaxies
SCI.8.1.1.1.c	Describe why substances with the same volume or same mass may have different densities.	Measuring Weather
SCI.8.1.1.3.a	Describe how the observed properties of light, sound, and water are related to amplitude, frequency, wavelength, and speed of waves (e.g., color and brightness of light, pitch and volume of sound, height of water waves, light waves are faster than sound waves).	Experiment: Porosity and Permeability
SCI.8.1.1.3.a	Describe how the observed properties of light, sound, and water are related to amplitude, frequency, wavelength, and speed of waves (e.g., color and brightness of light, pitch and volume of sound, height of water waves, light waves are faster than sound waves).	Water Basics
SCI.8.1.1.3.a	Describe how the observed properties of light, sound, and water are related to amplitude, frequency, wavelength, and speed of waves (e.g., color and brightness of light, pitch and volume of sound, height of water waves, light waves are faster than sound waves).	Water Distribution
SCI.8.1.1.4.a	Compare the potential and kinetic energy within a system at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Project: Mapping
SCI.8.1.1.4.a	Compare the potential and kinetic energy within a system at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Using Geologic Maps
SCI.8.1.1.4.a	Compare the potential and kinetic energy within a system at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Using Topographic Maps
SCI.8.1.1.6.a	Explain an inference about whether organisms have a biological relationship or common ancestry based on given characteristics.	Weathering
SCI.8.1.2.1.a	Describe the interactions and influences between two or more simple systems.	Project: Mapping
SCI.8.1.2.1.a	Describe the interactions and influences between two or more simple systems.	Using Geologic Maps
SCI.8.1.2.1.a	Describe the interactions and influences between two or more simple systems.	Using Topographic Maps
SCI.8.1.2.2.a	Explain the transfer and transformations of energy within a system (e.g., conduction and convection of heat [thermal] energy).	Atmospheric Cycles

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SCI.8.1.2.2.a	Explain the transfer and transformations of energy within a system (e.g., conduction and convection of heat [thermal] energy).	Measuring Weather
SCI.8.1.2.2.a	Explain the transfer and transformations of energy within a system (e.g., conduction and convection of heat [thermal] energy).	Solar Interaction
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Atmospheric Cycles
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Measuring Weather
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Project: Building a Model of the Earth
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Project: Scale of the Solar System
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Project: Sphere Interaction Lab
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Structure of the Sun
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	The Earth's Place in the Solar System
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	The Spheres of Earth
SCI.8.1.2.6.a	Describe the life function of specialized cells or tissues (e.g., blood cells are different from bone cells; leaf tissues capture the energy from sunlight).	Project: Layers of the Atmosphere
SCI.8.1.2.6.a	Describe the life function of specialized cells or tissues (e.g., blood cells are different from bone cells; leaf tissues capture the energy from sunlight).	Project: Solar Energy
SCI.8.1.2.6.b	Describe the life function of organs or organ systems (e.g., the stomach breaks down food and the intestines absorb food in the digestive system).	Project: Layers of the Atmosphere
SCI.8.1.2.7.a	Explain how physical characteristics of living things can be affected by genetic information and/or by interactions with the environment (e.g., nutrition, disease, sanitation).	Weathering
SCI.8.1.2.8.b	Compare human body systems to another organism's body system (e.g., human lungs to plant leaves, human skeletal or circulatory systems to plant stems).	Weathering
SCI.8.1.3.7.a	Describe how the spin of Earth and other planets accounts for the length of a day on those planets.	A Unique Planet
SCI.8.1.3.7.a	Describe how the spin of Earth and other planets accounts for the length of a day on those planets.	Project: Earth Comparisons
SCI.8.1.3.7.b	Describe how Earth's and other planets' orbits around the Sun account for the length of a year on those planets.	Structure of the Sun
SCI.8.2.1.1.c	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Project: Ice Erosion
SCI.8.2.1.2.a	Make predictions (hypothesize) and give reasons.	Prediction of Volcanoes

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Washington - Science - Grades 6-8**

SCI.8.2.1.2.b.1	prediction (hypothesis)	Prediction of Volcanoes
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Alternate Project: Barometers
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Atmospheric Cycles
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Continental Drift
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Gravity and Glaciers
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Measuring Weather
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Prediction of Volcanoes
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Rivers and Waves
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Weathering
SCI.8.2.1.5.b.2	materials used in the investigation	Project: Ice Erosion
SCI.8.2.2.4.b	Describe how the method of an investigation is valid (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	Using Geologic Maps
SCI.8.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Project: Ice Erosion
SCI.8.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Using Geologic Maps
SCI.8.2.2.5.b	Describe how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Atmospheric Cycles
SCI.8.2.2.5.b	Describe how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Measuring Weather
SCI.8.2.2.5.c	Describe how increased understanding of systems leads to new questions to be investigated.	Atmospheric Cycles

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SCI.8.2.2.5.c	Describe how increased understanding of systems leads to new questions to be investigated.	Measuring Weather
SCI.8.3.1.2.a.7	document the scientific design process	Using Geologic Maps
SCI.8.3.1.3.d	Describe how to change a system to solve a problem or improve a solution to a problem.	Atmospheric Cycles
SCI.8.3.1.3.d	Describe how to change a system to solve a problem or improve a solution to a problem.	Measuring Weather
SCI.8.3.2.2.d	Compare the processes of scientific inquiry and scientific design in terms of activities, results, and/or influence on individuals and/or society.	Using Geologic Maps
SCI.8.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Project: Research a Career
SCI.8.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Research a Career
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Nonrenewable Resources
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Project: Nuclear Energy
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Project: Soil Particles
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Renewable Resources
SCI.8.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Project: Water Conservation
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 6-8	
Section	Description	Lesson Title
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Atmospheric Cycles
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Measuring Weather
SCI.6-8.1.6-8 SYSD.1	Given a description of a system, analyze and defend whether it is open or closed.	Evolution of the Atmosphere
SCI.6-8.1.6-8 SYSD.1	Given a description of a system, analyze and defend whether it is open or closed.	Project: Mapping
SCI.6-8.1.6-8 SYSD.1	Given a description of a system, analyze and defend whether it is open or closed.	Using Geologic Maps
SCI.6-8.1.6-8 SYSD.1	Given a description of a system, analyze and defend whether it is open or closed.	Using Topographic Maps
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Erosion
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Gravity and Glaciers

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SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Project: Ice Erosion
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Project: Scale of the Solar System
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Weathering
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Wind
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Atmospheric Cycles
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Lakes and Rivers
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Measuring Weather
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Using Geologic Maps
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Using Topographic Maps
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Features of Volcanoes
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Project: Air Circulation
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Project: Story of the Spheres
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Evolution of the Atmosphere

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Washington - Science - Grades 6-8**

SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Project: Air Circulation
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Project: Mapping
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Project: Story of the Spheres
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Using Geologic Maps
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Using Topographic Maps
SCI.6-8.2.6-8 INQC.3	Use statistical procedures (e.g., median, mean, or mode) to analyze data and make inferences about relationships.	Evolution of the Atmosphere
SCI.6-8.2.6-8 INQC.3	Use statistical procedures (e.g., median, mean, or mode) to analyze data and make inferences about relationships.	Project: Mapping
SCI.6-8.2.6-8 INQC.3	Use statistical procedures (e.g., median, mean, or mode) to analyze data and make inferences about relationships.	Using Geologic Maps
SCI.6-8.2.6-8 INQC.3	Use statistical procedures (e.g., median, mean, or mode) to analyze data and make inferences about relationships.	Using Topographic Maps
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Measuring Weather
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Measuring Weather
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Project: Mantle Convection
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Project: Scale of the Solar System
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Measuring Weather

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SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Experiment: FreshWater vs. Saltwater
SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Project: Water Purification
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	Project: Mantle Convection
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	Project: Scale of the Solar System
SCI.6-8.3.6-8 APPB.1	Investigate several professions in which an understanding of science and technology is required. Explain why that understanding is necessary for success in each profession.	Introduction to Earth Science
SCI.6-8.3.6-8 APPB.1	Investigate several professions in which an understanding of science and technology is required. Explain why that understanding is necessary for success in each profession.	Project: Research a Career
SCI.6-8.3.6-8 APPD.3	Brainstorm different solutions.	Project: Mantle Convection
SCI.6-8.3.6-8 APPD.3	Brainstorm different solutions.	Project: Scale of the Solar System
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Experiment: FreshWater vs. Saltwater
SCI.6-8.4.6-8 PS1C.2	Given a description of forces on an object, predict the object's motion.	Prediction of Volcanoes
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Ability To Orbit
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Prediction of Volcanoes
SCI.6-8.4.6-8 PS2A.1	Use characteristic intrinsic properties such as density, boiling point, and melting point to identify an unknown substance.	Clouds and Precipitation
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Project: Building a Model of the Earth
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Measuring Weather
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Project: Air Circulation
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Project: Story of the Spheres
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Prediction of Volcanoes
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Solar Interaction

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SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Solar Interaction
SCI.6-8.4.6-8 PS3C.1	Explain how various types of insulation slow transfer of heat energy based on the atomic-molecular model of heat (thermal energy).	Project: Volcanic Features Lab
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	Project: Solar Energy
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Project: Volcanic Features Lab
SCI.6-8.4.6-8 ES1A.1	Use a physical model or diagram to explain how the Moon's changing position in its orbit results in the changing phases of the Moon as observed from Earth.	The Moon
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	A Unique Planet
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Ability To Orbit
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Project: Earth Comparisons
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Project: Scale of the Solar System
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	The Moon
SCI.6-8.4.6-8 ES1D.1	Predict what would happen to an orbiting object if gravity were increased, decreased, or taken away.	Air Pollution
SCI.6-8.4.6-8 ES1D.1	Predict what would happen to an orbiting object if gravity were increased, decreased, or taken away.	Geographical Effects
SCI.6-8.4.6-8 ES1D.1	Predict what would happen to an orbiting object if gravity were increased, decreased, or taken away.	Project: Greenhouse Effect
SCI.6-8.4.6-8 ES1D.1	Predict what would happen to an orbiting object if gravity were increased, decreased, or taken away.	Project: Greenhouse Effect
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	A Unique Planet
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Galaxies
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Planetary Motion

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SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Project: Earth Comparisons
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Project: Identifying Galaxies
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	The Earth's Place in the Solar System
SCI.6-8.4.6-8 ES2A.1	Describe the composition and properties of the troposphere and stratosphere.	Evolution of the Atmosphere
SCI.6-8.4.6-8 ES2A.1	Describe the composition and properties of the troposphere and stratosphere.	Project: Evolution of the Atmosphere
SCI.6-8.4.6-8 ES2A.1	Describe the composition and properties of the troposphere and stratosphere.	Project: Layers of the Atmosphere
SCI.6-8.4.6-8 ES2A.1	Describe the composition and properties of the troposphere and stratosphere.	Structure of the Atmosphere
SCI.6-8.4.6-8 ES2B.1	Connect the uneven heating of Earth's surface by the Sun to global wind and ocean currents.	Air Pressure and Winds
SCI.6-8.4.6-8 ES2B.1	Connect the uneven heating of Earth's surface by the Sun to global wind and ocean currents.	Currents
SCI.6-8.4.6-8 ES2B.1	Connect the uneven heating of Earth's surface by the Sun to global wind and ocean currents.	Project: Control the Weather
SCI.6-8.4.6-8 ES2B.1	Connect the uneven heating of Earth's surface by the Sun to global wind and ocean currents.	Solar Power
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	Lakes and Rivers
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	Project: Solar Energy
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	Solar Interaction
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	The Water Cycle
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	Lakes and Rivers
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	The Water Cycle
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Experiment: FreshWater vs. Saltwater
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Lakes and Rivers
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Water Distribution
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Geochemical Cycles: Cycles of Earth Materials
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Layers of the Earth
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Project: Air Circulation
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Project: Building a Model of the Earth

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SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Project: Story of the Spheres
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Continental Drift
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Plate Tectonics
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Project: Air Circulation
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Project: Mantle Convection
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Project: Story of the Spheres
SCI.6-8.4.6-8 ES2F.2	Describe what may happen when plate boundaries meet (e.g., earthquakes, tsunامي, faults, mountain building), with examples from the Pacific Northwest.	Project: Plate Boundaries
SCI.6-8.4.6-8 ES2F.2	Describe what may happen when plate boundaries meet (e.g., earthquakes, tsunامي, faults, mountain building), with examples from the Pacific Northwest.	Project: Story of the Spheres
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Alternate Project: Barometers
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Constructive Forces
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Continental Drift
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Destructive Forces
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Erosion
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Features of Earthquakes
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Features of Volcanoes
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Gravity and Glaciers

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SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Project: Volcanic Features Lab
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Rivers and Waves
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Weathering
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Wind
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Igneous Rocks
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Metamorphic Rocks
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Sedimentary Rocks
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Erosion
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Gravity and Glaciers
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Project: Ice Erosion
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Project: Scale of the Solar System
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Weathering
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Wind
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	A Unique Planet
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Alternate Project: Barometers
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Continental Drift
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Determining Earth's Age

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SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Gravity and Glaciers
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Project: Earth Comparisons
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Project: Evolution of the Atmosphere
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Project: Volcanic Features Lab
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Rivers and Waves
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Weathering
SCI.6-8.4.6-8 ES3B.1	Explain how the age of landforms can be estimated by studying the number and thickness of rock layers, as well as fossils found within rock layers.	Constructive Forces
SCI.6-8.4.6-8 ES3B.1	Explain how the age of landforms can be estimated by studying the number and thickness of rock layers, as well as fossils found within rock layers.	Continental Drift
SCI.6-8.4.6-8 ES3B.1	Explain how the age of landforms can be estimated by studying the number and thickness of rock layers, as well as fossils found within rock layers.	Destructive Forces
SCI.6-8.4.6-8 ES3B.1	Explain how the age of landforms can be estimated by studying the number and thickness of rock layers, as well as fossils found within rock layers.	Relative Dating
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Introduction to Earth Science
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Project: Relative Dating
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Relative Dating

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SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Sedimentary Rocks
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Using Geologic Maps
SCI.6-8.4.6-8 ES3E.1	List several ways that living organisms have shaped landforms (e.g., coral islands, limestone deposits, oil and coal deposits).	Constructive Forces
SCI.6-8.4.6-8 ES3E.1	List several ways that living organisms have shaped landforms (e.g., coral islands, limestone deposits, oil and coal deposits).	Continental Drift
SCI.6-8.4.6-8 ES3E.1	List several ways that living organisms have shaped landforms (e.g., coral islands, limestone deposits, oil and coal deposits).	Destructive Forces
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Weathering
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Project: Layers of the Atmosphere
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Project: Layers of the Atmosphere
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Project: Layers of the Atmosphere
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Weathering
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Alternate Project: Temperature
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Project: Ice Erosion
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Weathering
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Project: Layers of the Atmosphere
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Flow of Energy in Ecosystems
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Project: Flow of Energy
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Project: Sphere Interaction Lab

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SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	The Spheres of Earth
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Flow of Energy in Ecosystems
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Project: Solar Energy
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Flow of Energy in Ecosystems
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Project: Solar Energy
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Prediction of Volcanoes
SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Air Pollution
SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Project: Greenhouse Effect
SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Project: Greenhouse Effect
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	A Unique Planet
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	Project: Earth Comparisons
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Prediction of Volcanoes
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Weathering

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Science	
Grade:	Grade 6	
Section	Description	Lesson Title
SCI.6.1.1.3.a	Describe how sound waves and/or water waves affect the motion of the particles in the substance through which the wave is traveling (e.g., air molecules vibrate back and forth as sound waves move through air).	Chemistry
SCI.6.1.1.3.b	Describe the behavior of sound and water waves as the waves are reflected and/or absorbed by a substance.	Atmospheric Layers
SCI.6.1.1.3.b	Describe the behavior of sound and water waves as the waves are reflected and/or absorbed by a substance.	Chemistry
SCI.6.1.1.4.a	Describe the forms of energy present in matter, objects, and systems (i.e., heat [thermal] energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, and chemical energy).	Atomic Energy
SCI.6.1.1.4.a	Describe the forms of energy present in matter, objects, and systems (i.e., heat [thermal] energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, and chemical energy).	Chemical Energy
SCI.6.1.1.4.a	Describe the forms of energy present in matter, objects, and systems (i.e., heat [thermal] energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, and chemical energy).	Chemistry
SCI.6.1.1.4.a	Describe the forms of energy present in matter, objects, and systems (i.e., heat [thermal] energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, and chemical energy).	Energy Conversion
SCI.6.1.1.4.a	Describe the forms of energy present in matter, objects, and systems (i.e., heat [thermal] energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, and chemical energy).	Mechanical Energy
SCI.6.1.1.4.a	Describe the forms of energy present in matter, objects, and systems (i.e., heat [thermal] energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, and chemical energy).	Our Solar System
SCI.6.1.1.4.b	Describe the form of energy stored in a part of a system (i.e., energy can be stored in many forms, "stored energy" is not a form of energy).	Atomic Energy
SCI.6.1.1.4.b	Describe the form of energy stored in a part of a system (i.e., energy can be stored in many forms, "stored energy" is not a form of energy).	Our Solar System
SCI.6.1.1.4.b	Describe the form of energy stored in a part of a system (i.e., energy can be stored in many forms, "stored energy" is not a form of energy).	Plant Systems
SCI.6.1.1.6.a	Describe how organisms can be classified using similarities and differences in physical and functional characteristics (both internal and external).	Animals: Response
SCI.6.1.1.6.a	Describe how organisms can be classified using similarities and differences in physical and functional characteristics (both internal and external).	Flower Reproduction

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SCI.6.1.1.6.a	Describe how organisms can be classified using similarities and differences in physical and functional characteristics (both internal and external).	Genetics and Reproduction
SCI.6.1.1.6.a	Describe how organisms can be classified using similarities and differences in physical and functional characteristics (both internal and external).	Mitosis and Meiosis
SCI.6.1.1.6.a	Describe how organisms can be classified using similarities and differences in physical and functional characteristics (both internal and external).	Our Solar System
SCI.6.1.1.6.a	Describe how organisms can be classified using similarities and differences in physical and functional characteristics (both internal and external).	Plants: Tropisms (Part 1)
SCI.6.1.2.1.a	Explain how the parts of a system interconnect and influence each other.	Our Solar System
SCI.6.1.2.2.a	Describe and determine the factors that affect heat energy transfer (e.g., properties of substances/materials [conductors, insulators], distance, direction, position).	Energy Conversion
SCI.6.1.2.2.a	Describe and determine the factors that affect heat energy transfer (e.g., properties of substances/materials [conductors, insulators], distance, direction, position).	Heat Energy (Part 1)
SCI.6.1.2.2.a	Describe and determine the factors that affect heat energy transfer (e.g., properties of substances/materials [conductors, insulators], distance, direction, position).	Heat Energy (Part 2)
SCI.6.1.2.2.a	Describe and determine the factors that affect heat energy transfer (e.g., properties of substances/materials [conductors, insulators], distance, direction, position).	Our Solar System
SCI.6.1.2.2.b	Describe how an increase in one type of energy of an object or system results in a decrease in other types of energy within that object or system (e.g., a falling object's potential energy decreases while its kinetic energy increases).	Atomic Energy
SCI.6.1.2.2.b	Describe how an increase in one type of energy of an object or system results in a decrease in other types of energy within that object or system (e.g., a falling object's potential energy decreases while its kinetic energy increases).	Mechanical Energy
SCI.6.1.2.2.b	Describe how an increase in one type of energy of an object or system results in a decrease in other types of energy within that object or system (e.g., a falling object's potential energy decreases while its kinetic energy increases).	Our Solar System
SCI.6.1.2.2.c	Describe how waves transfer energy (e.g., light waves transfer energy from sun to Earth; air transfers an object's vibrations from one place to another as sound).	Atmospheric Layers
SCI.6.1.2.2.c	Describe how waves transfer energy (e.g., light waves transfer energy from sun to Earth; air transfers an object's vibrations from one place to another as sound).	Chemistry
SCI.6.1.2.3.a	Describe that matter is made of particles called atoms and molecules.	Matter
SCI.6.1.2.3.a	Describe that matter is made of particles called atoms and molecules.	Molecules and Compounds
SCI.6.1.2.3.a	Describe that matter is made of particles called atoms and molecules.	Project: Atom Diagram

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SCI.6.1.2.3.a	Describe that matter is made of particles called atoms and molecules.	Project: Water Molecule Model
SCI.6.1.2.3.b	Describe that elements are made of one kind of atom.	Atomic Number and Weight
SCI.6.1.2.3.b	Describe that elements are made of one kind of atom.	Atoms and Elements
SCI.6.1.2.3.b	Describe that elements are made of one kind of atom.	Chemical Symbols
SCI.6.1.2.3.b	Describe that elements are made of one kind of atom.	Electron Arrangement
SCI.6.1.2.3.b	Describe that elements are made of one kind of atom.	Project: Atom Diagram
SCI.6.1.2.3.b	Describe that elements are made of one kind of atom.	The Periodic Table
SCI.6.1.2.5.a	Describe how the Earth orbits the Sun and the Moon orbits the Earth.	Earth's Rotation
SCI.6.1.2.5.a	Describe how the Earth orbits the Sun and the Moon orbits the Earth.	Experiment: Earth's Shape
SCI.6.1.2.5.b	Describe the Sun (i.e., a medium-size star, the largest body in our solar system, major source of energy for phenomena on Earth's surface).	Photosynthesis
SCI.6.1.2.5.b	Describe the Sun (i.e., a medium-size star, the largest body in our solar system, major source of energy for phenomena on Earth's surface).	Photosynthesis
SCI.6.1.2.5.b	Describe the Sun (i.e., a medium-size star, the largest body in our solar system, major source of energy for phenomena on Earth's surface).	The Leaf Factory
SCI.6.1.2.5.c	Describe how planets, asteroids, and comets orbit the Sun.	Asteroids, Comets, and Meteors
SCI.6.1.2.5.c	Describe how planets, asteroids, and comets orbit the Sun.	Project: Planets
SCI.6.1.2.5.d	Describe meteors (e.g., planetary and comet debris that collides with Earth).	Asteroids, Comets, and Meteors
SCI.6.1.2.6.a	Describe and identify how plant and animal cells are similar and different in structure and function.	Genetics and Reproduction
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Animals: Response
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Atmospheric Layers
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	DNA
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Dominance and Multiple Genes
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Ecological Systems
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Flower Reproduction
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Genetics and Reproduction
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Mitosis and Meiosis

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SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Nature: Balance
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Nature: Biomes (Part 2)
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Photosynthesis
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Photosynthesis
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Plant Systems
SCI.6.1.2.7.a	Explain that organisms require a set of instructions for specifying their traits (i.e., heredity is the passage of these instructions from one generation to another).	Plants: Tropisms (Part 1)
SCI.6.1.2.7.b	Describe that genes inherited from parents are combined in their offspring to produce a new combination of characteristics.	Animals: Response
SCI.6.1.2.7.b	Describe that genes inherited from parents are combined in their offspring to produce a new combination of characteristics.	Dominance and Multiple Genes
SCI.6.1.2.7.b	Describe that genes inherited from parents are combined in their offspring to produce a new combination of characteristics.	Inheritance
SCI.6.1.2.7.b	Describe that genes inherited from parents are combined in their offspring to produce a new combination of characteristics.	Project: Genetics
SCI.6.1.2.7.b	Describe that genes inherited from parents are combined in their offspring to produce a new combination of characteristics.	Project: Traits
SCI.6.1.2.7.b	Describe that genes inherited from parents are combined in their offspring to produce a new combination of characteristics.	Use of Mutations
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Animals: The Brain
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Circulatory System
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Digestive System

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SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Excretory System
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Flower Reproduction
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Human Body Systems (Part 2)
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Human Body Systems (Part 3)
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Human Body Systems (Part I)
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Mitosis and Meiosis
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Muscles
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Project: Lungs
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Project: The Cerebrum
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Respiratory System

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SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Roots
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Small and Large Intestines
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	Stems and Leaves
SCI.6.1.2.8.a	Describe the components and functions of the organ systems (i.e., circulatory, digestive, reproductive, excretory, nervous-sensory [brain, nerves, spinal cord, hearing, vision], respiratory, and muscular-skeletal systems).	The Skeletal and Nervous Systems
SCI.6.1.3.7.a	Describe the causes of seasonal changes on Earth and other planets (i.e., Earth's tilt causes different parts of Earth to point toward the Sun at different times of the year).	Earth's Motion
SCI.6.1.3.7.a	Describe the causes of seasonal changes on Earth and other planets (i.e., Earth's tilt causes different parts of Earth to point toward the Sun at different times of the year).	Earth's Revolution
SCI.6.1.3.7.a	Describe the causes of seasonal changes on Earth and other planets (i.e., Earth's tilt causes different parts of Earth to point toward the Sun at different times of the year).	Earth's Rotation
SCI.6.1.3.7.a	Describe the causes of seasonal changes on Earth and other planets (i.e., Earth's tilt causes different parts of Earth to point toward the Sun at different times of the year).	Experiment: Earth's Shape
SCI.6.1.3.7.b	Describe the effects of the position of the Sun and Moon on Earth phenomena (i.e., Moon phases, solar and lunar eclipses, shadows on Earth, tides).	Earth's Motion
SCI.6.1.3.7.b	Describe the effects of the position of the Sun and Moon on Earth phenomena (i.e., Moon phases, solar and lunar eclipses, shadows on Earth, tides).	Earth's Rotation
SCI.6.1.3.7.b	Describe the effects of the position of the Sun and Moon on Earth phenomena (i.e., Moon phases, solar and lunar eclipses, shadows on Earth, tides).	Earth's Shape
SCI.6.1.3.7.b	Describe the effects of the position of the Sun and Moon on Earth phenomena (i.e., Moon phases, solar and lunar eclipses, shadows on Earth, tides).	Eclipses
SCI.6.1.3.7.b	Describe the effects of the position of the Sun and Moon on Earth phenomena (i.e., Moon phases, solar and lunar eclipses, shadows on Earth, tides).	Experiment: Making an Eclipse
SCI.6.1.3.7.b	Describe the effects of the position of the Sun and Moon on Earth phenomena (i.e., Moon phases, solar and lunar eclipses, shadows on Earth, tides).	Experiment: Shadows

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SCI.6.2.1.1.a	Generate multiple questions based on observations.	Experiment: Embryo Formation
SCI.6.2.1.1.c	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Atomic Number and Weight
SCI.6.2.1.2.a	Make predictions (hypothesize) and give reasons.	Plants: Tropisms (Part 2)
SCI.6.2.1.2.b.1	prediction (hypothesis)	Machines and Motion
SCI.6.2.1.2.b.1	prediction (hypothesis)	Plants: Tropisms (Part 2)
SCI.6.2.1.2.b.2	appropriate materials, tools, and available computer technology	Machines and Motion
SCI.6.2.1.2.b.3	controlled variables (kept the same)	Machines and Motion
SCI.6.2.1.2.b.4	one manipulated (changed) variable	Machines and Motion
SCI.6.2.1.2.b.5	responding (dependent) variable	Machines and Motion
SCI.6.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Trial and Error
SCI.6.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Project: Lungs
SCI.6.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Project: Planets
SCI.6.2.1.2.b.7	multiple trials	Machines and Motion
SCI.6.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Experiment: Embryo Formation
SCI.6.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Project: Calculating Work
SCI.6.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	Machines and Motion
SCI.6.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation using inferential logic (e.g., chewing gum loses more mass than bubble gum after being chewed for 5 minutes; chewing gum lost 2.00 grams while bubble gum only lost 1.47 grams).	Bones and Joints
SCI.6.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Atomic Number and Weight
SCI.6.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Bones and Joints
SCI.6.2.1.3.d	Predict what logically might occur if an investigation lasted longer or changed.	Atomic Number and Weight
SCI.6.2.1.3.d	Predict what logically might occur if an investigation lasted longer or changed.	Plants: Tropisms (Part 1)
SCI.6.2.1.3.d	Predict what logically might occur if an investigation lasted longer or changed.	Plants: Tropisms (Part 2)
SCI.6.2.1.4.a	Compare models or computer simulations of phenomena to the actual phenomena.	Atmospheric Gases
SCI.6.2.1.4.a	Compare models or computer simulations of phenomena to the actual phenomena.	Genetics and Reproduction
SCI.6.2.1.4.a	Compare models or computer simulations of phenomena to the actual phenomena.	Project: Heart
SCI.6.2.1.4.a	Compare models or computer simulations of phenomena to the actual phenomena.	The Atmosphere
SCI.6.2.1.4.b	Explain how models or computer simulations are used to investigate and predict the behavior of objects, events, systems, or processes.	Atmospheric Gases
SCI.6.2.1.4.b	Explain how models or computer simulations are used to investigate and predict the behavior of objects, events, systems, or processes.	Gas Cycles

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SCI.6.2.1.4.b	Explain how models or computer simulations are used to investigate and predict the behavior of objects, events, systems, or processes.	Our Solar System
SCI.6.2.1.4.b	Explain how models or computer simulations are used to investigate and predict the behavior of objects, events, systems, or processes.	Project: Heart
SCI.6.2.1.4.b	Explain how models or computer simulations are used to investigate and predict the behavior of objects, events, systems, or processes.	The Atmosphere
SCI.6.2.1.4.c	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Atmospheric Gases
SCI.6.2.1.4.c	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Gas Cycles
SCI.6.2.1.4.c	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Our Solar System
SCI.6.2.1.4.c	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Project: Heart
SCI.6.2.1.4.c	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	The Atmosphere
SCI.6.2.1.5.a	Report observations of scientific investigations without making inferences.	Atomic Number and Weight
SCI.6.2.1.5.a	Report observations of scientific investigations without making inferences.	Project: Cause and Effect
SCI.6.2.1.5.a	Report observations of scientific investigations without making inferences.	Project: Genetics
SCI.6.2.1.5.b.2	materials used in the investigation	Atomic Number and Weight
SCI.6.2.1.5.b.3	observations, data, results	Atomic Number and Weight
SCI.6.2.1.5.b.3	observations, data, results	Experiment: Embryo Formation
SCI.6.2.1.5.b.3	observations, data, results	Experiment: Mendelian Genetics
SCI.6.2.1.5.b.3	observations, data, results	Experiment: Solid, Liquid, Gas
SCI.6.2.1.5.b.3	observations, data, results	Project: Genetics
SCI.6.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Atomic Number and Weight
SCI.6.2.1.5.b.5	ramifications of investigations	Atomic Number and Weight
SCI.6.2.1.5.b.5	ramifications of investigations	Power
SCI.6.2.1.5.b.6	safety procedures used	Machines and Motion
SCI.6.2.1.5.c	Describe the difference between an objective summary of data and an inference made from data.	Project: Genetics
SCI.6.2.1.5.c	Describe the difference between an objective summary of data and an inference made from data.	Project: Heart
SCI.6.2.2.1.b	Describe how scientists accurately and honestly record, report, and share observations and measurements without bias.	Project: Calculating Work

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SCI.6.2.2.1.b	Describe how scientists accurately and honestly record, report, and share observations and measurements without bias.	Project: Genetics
SCI.6.2.2.1.c	Explain why honest acknowledgement of the contributions of others and information sources are necessary.	Animals: Response
SCI.6.2.2.3.a	Compare two or more similar investigations and explain why different results were produced (e.g., insufficient data could be interpreted as inconsistent results).	Experiment: Mendelian Genetics
SCI.6.2.2.4.a	Describe how the method of an investigation ensures reliable results (e.g., multiple trials ensure more reliable results).	Atomic Number and Weight
SCI.6.2.2.4.a	Describe how the method of an investigation ensures reliable results (e.g., multiple trials ensure more reliable results).	Experiment: Mendelian Genetics
SCI.6.2.2.4.b	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Atomic Number and Weight
SCI.6.2.2.4.b	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Experiment: Mendelian Genetics
SCI.6.2.2.5.a	Describe how scientific inquiry results in new facts, evidence, unexpected findings, ideas, and explanations.	Atomic Number and Weight
SCI.6.2.2.5.a	Describe how scientific inquiry results in new facts, evidence, unexpected findings, ideas, and explanations.	Bones and Joints
SCI.6.2.2.5.b	Describe how increased understanding of systems leads to new questions to be investigated.	Atomic Number and Weight
SCI.6.2.2.5.b	Describe how increased understanding of systems leads to new questions to be investigated.	Our Solar System
SCI.6.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., collect data by measuring all the factors and establish which are the most important to solve the problem).	Experiment: Trial and Error
SCI.6.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., collect data by measuring all the factors and establish which are the most important to solve the problem).	Project: Calculating Work
SCI.6.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Trial and Error
SCI.6.3.1.2.a.2	scientifically gather information and collect measurable data	Project: Calculating Work
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Absorbing Food
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Acid or Base?
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Carbon Dioxide
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Celery
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Digesting Fat
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Digesting Protein
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Digestive Enzymes
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Evaporation and Cooling
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Growing Roots
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Mendelian Genetics
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Pea Pod
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Root Observation
SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Seeds

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SCI.6.3.1.2.a.6	scientifically test solution	Experiment: Taste Test
SCI.6.3.1.2.b	Explain possible solutions to the problem (e.g., use pulleys instead of levers to lift a heavy object).	Experiment: The Greenhouse
SCI.6.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	The Atmosphere at Work
SCI.6.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	The Atmosphere at Work
SCI.6.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Growth Regulators
SCI.6.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Pollution
SCI.6.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	The Atmosphere at Work
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Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 6-8	
Section	Description	Lesson Title
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Blood
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Circulatory System
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Dominance and Multiple Genes
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Human Body Systems (Part 2)
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Our Solar System
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Project: Heart

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SCI.6-8.1.6-8 SYSB.1	Explain how the boundaries of a system can be drawn to fit the purpose of the study (e.g., to study how insect populations change, a system might be a forest, a meadow in the forest, or a single tree).	Atomic Number and Weight
SCI.6-8.1.6-8 SYSB.1	Explain how the boundaries of a system can be drawn to fit the purpose of the study (e.g., to study how insect populations change, a system might be a forest, a meadow in the forest, or a single tree).	Atoms and Elements
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Plants: Tropisms (Part 1)
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Human Body Systems (Part 3)
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Our Solar System
SCI.6-8.1.6-8 SYSF.1	Given a complex societal issue with strong science and technology components (e.g., overfishing, global warming), describe the issue from a systems point of view, highlighting how changes in one part of the system are likely to influence other parts of the system.	Respiratory System
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Atomic Number and Weight
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Atoms and Elements
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Experiment: Embryo Formation
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Absorbing Food
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Acid or Base?
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Carbon Dioxide
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Celery

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SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Digesting Fat
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Digestive Enzymes
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Growing Roots
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Pea Pod
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Root Observation
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Seeds
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Experiment: Taste Test
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Machines and Motion
SCI.6-8.2.6-8 INQB.3	Work collaboratively with other students to carry out the investigations.	Atomic Number and Weight
SCI.6-8.2.6-8 INQB.3	Work collaboratively with other students to carry out the investigations.	Atoms and Elements
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Animals: The Nervous System
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Experiment: Trial and Error
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Project: Genetics
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Project: Lungs
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Project: The Eye
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Water Cycle

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SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Animals: The Nervous System
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Experiment: Embryo Formation
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Project: The Eye
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Absorbing Food
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Acid or Base?
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Carbon Dioxide
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Celery
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Digesting Fat

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SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Digestive Enzymes
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Growing Roots
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Pea Pod
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Root Observation
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Seeds
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Taste Test

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SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Machines and Motion
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Motion
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Genetics and Reproduction
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Inheritance
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Motion
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Project: Heart
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Atomic Number and Weight
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Atoms and Elements
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Experiment: Embryo Formation
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Experiment: Mendelian Genetics

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SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Experiment: Solid, Liquid, Gas
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Genetics and Reproduction
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Inheritance
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	Experiment: Mendelian Genetics
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	Genetics and Reproduction
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	Inheritance
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Bones and Joints
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Experiment: Mendelian Genetics
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Motion
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Project: Cause and Effect
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Project: Genetics
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Project: The Atmosphere

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SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Project: The Atmosphere
SCI.6-8.2.6-8 INQH.2	Listen actively and respectfully to research reports by other students. Critique their presentations respectfully, using logical argument and evidence.	Bones and Joints
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Atomic Number and Weight
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Atoms and Elements
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Growth Regulators
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Pollution
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	The Atmosphere at Work
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Traits
SCI.6-8.3.6-8 APPF.1	Test the best solution by building a model or other representation, and using it with the intended audience. Redesign if necessary.	Experiment: Earth's Shape
SCI.6-8.3.6-8 APPF.2	Present the recommended design using models or drawings and an engaging presentation.	Project: Heart
SCI.6-8.3.6-8 APPF.2	Present the recommended design using models or drawings and an engaging presentation.	Project: Lungs
SCI.6-8.3.6-8 APPF.2	Present the recommended design using models or drawings and an engaging presentation.	Water Cycle
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Time
SCI.6-8.4.6-8 PS1B.1	Demonstrate and explain the frictional force acting on an object with the use of a physical model.	Experiment: Work
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Bones and Joints
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Force
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Matter
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Newton's First Law of Motion
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Project: Calculating Work
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Work and Force

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SCI.6-8.4.6-8 PS1C.2	Given a description of forces on an object, predict the object's motion.	Experiment: Work
SCI.6-8.4.6-8 PS1C.2	Given a description of forces on an object, predict the object's motion.	Motion
SCI.6-8.4.6-8 PS1C.2	Given a description of forces on an object, predict the object's motion.	Plants: Tropisms (Part 2)
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Newton's First Law of Motion
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Plants: Tropisms (Part 2)
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	States of Matter
SCI.6-8.4.6-8 PS2A.1	Use characteristic intrinsic properties such as density, boiling point, and melting point to identify an unknown substance.	Experiment: Solid, Liquid, Gas
SCI.6-8.4.6-8 PS2A.1	Use characteristic intrinsic properties such as density, boiling point, and melting point to identify an unknown substance.	Matter
SCI.6-8.4.6-8 PS2B.1	Separate a mixture using differences in properties (e.g., solubility, size, magnetic attraction) of the substances used to make the mixture.	Experiment: Solid, Liquid, Gas
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Chemical Symbols
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Experiment: Limewater
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Experiment: Make a Compound
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Genetics and Reproduction
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Inheritance
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Project: Compounds
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Atomic Number and Weight
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Atoms and Elements
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Chemical Symbols
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Electron Arrangement
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Experiment: Inertia

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SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Matter
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Newton's First Law of Motion
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Project: Atom Diagram
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	The Periodic Table
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Animals: The Nervous System
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Atomic Number and Weight
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Atoms and Elements
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Chemical Symbols
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Electron Arrangement
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Excretory System
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Experiment: Limewater
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Human Body Systems (Part 3)
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Matter
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Molecules and Compounds
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Motion
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Project: Atom Diagram
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Project: Compounds
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Project: The Eye

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SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Project: Water Molecule Model
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Respiratory System
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	The Periodic Table
SCI.6-8.4.6-8 PS2E.1	Describe how solids, liquids, and gases behave when put into a container (e.g., a gas fills the entire volume of the container). Relate these properties to the relative movement of the particles in the three states of matter.	Experiment: Solid, Liquid, Gas
SCI.6-8.4.6-8 PS2E.1	Describe how solids, liquids, and gases behave when put into a container (e.g., a gas fills the entire volume of the container). Relate these properties to the relative movement of the particles in the three states of matter.	Matter
SCI.6-8.4.6-8 PS2E.1	Describe how solids, liquids, and gases behave when put into a container (e.g., a gas fills the entire volume of the container). Relate these properties to the relative movement of the particles in the three states of matter.	Project: Water Molecule Model
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Plants: Tropisms (Part 2)
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	States of Matter
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Animals: Response
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Energy Conversion
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Heat Energy (Part 1)
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Heat Energy (Part 2)
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Mechanical Energy

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SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Energy Conversion
SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Heat Energy (Part 1)
SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Heat Energy (Part 2)
SCI.6-8.4.6-8 PS3C.1	Explain how various types of insulation slow transfer of heat energy based on the atomic-molecular model of heat (thermal energy).	Heat Energy (Part 1)
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	Chemistry
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	Experiment: Anacharis
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	Photosynthesis
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	Photosynthesis
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	The Leaf Factory
SCI.6-8.4.6-8 PS3D.2	Draw and label a diagram showing that for an object to be seen, light must come directly from the object or from an external source reflected from the object, and enter the eye.	Chemistry
SCI.6-8.4.6-8 PS3D.2	Draw and label a diagram showing that for an object to be seen, light must come directly from the object or from an external source reflected from the object, and enter the eye.	Project: The Eye
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Chemistry
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Energy Conversion
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Mechanical Energy
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Project: Lungs
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Water Cycle

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SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Chemistry
SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Genetics and Reproduction
SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Inheritance
SCI.6-8.4.6-8 PS3F.2	Explain that sound is caused by a vibrating object.	Chemistry
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Earth's Rotation
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Earth's Shape
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Eclipses
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Experiment: Making an Eclipse
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Genetics and Reproduction
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Inheritance
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Asteroids, Comets, and Meteors
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Project: Planets
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Earth's Motion
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Earth's Rotation
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Earth's Shape
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Eclipses
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Experiment: Making an Eclipse
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Experiment: Shadows
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Project: Lungs
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Water Cycle
SCI.6-8.4.6-8 ES1D.1	Predict what would happen to an orbiting object if gravity were increased, decreased, or taken away.	Project: Cause and Effect

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SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Asteroids, Comets, and Meteors
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Our Solar System
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Our Solar System
SCI.6-8.4.6-8 ES2A.1	Describe the composition and properties of the troposphere and stratosphere.	Atmospheric Gases
SCI.6-8.4.6-8 ES2A.1	Describe the composition and properties of the troposphere and stratosphere.	The Atmosphere
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	Water Cycle
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	Water Cycle
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Genetics and Reproduction
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Inheritance
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Animals: The Nervous System
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Experiment: Solid, Liquid, Gas
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Project: The Eye
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Animals: The Nervous System
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Experiment: Work
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Heat Energy (Part 1)
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Heat Energy (Part 2)
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Motion
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Project: The Eye
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Earth's Surface
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Gas Cycles

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SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Project: The Atmosphere
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Earth's Rocks
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Earth's Surface
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Plants: Tropisms (Part 1)
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Animals: Response
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Gas Cycles
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Earth's Rocks
SCI.6-8.4.6-8 LS1A.1	Draw and describe observations made with a microscope showing that plants and animals are made of cells, and explain that cells are the fundamental unit of life.	Dominance and Multiple Genes
SCI.6-8.4.6-8 LS1A.1	Draw and describe observations made with a microscope showing that plants and animals are made of cells, and explain that cells are the fundamental unit of life.	Plant Systems
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Atmospheric Layers
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	DNA
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Ecological Systems
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Genetics and Reproduction
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Mitosis and Meiosis

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SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Nature: Balance
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Nature: Biomes (Part 2)
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Photosynthesis
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Photosynthesis
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Plant Systems
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Plants: Tropisms (Part 1)
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Animals: The Brain
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Blood
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Circulatory System
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Digestive System
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Excretory System
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Human Body Systems (Part 3)
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Human Body Systems (Part I)

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SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Muscles
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Project: Lungs
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Project: The Cerebrum
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Respiratory System
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Roots
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Stems and Leaves
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	The Skeletal and Nervous Systems
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Circulatory System
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Digestive System
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Excretory System
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Human Body Systems (Part 2)
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Human Body Systems (Part 3)
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Human Body Systems (Part I)
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Muscles
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Project: Lungs

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SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Respiratory System
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Roots
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Small and Large Intestines
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Stems and Leaves
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	The Skeletal and Nervous Systems
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Genetics and Reproduction
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Inheritance
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Atmospheric Layers
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	DNA
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Digestive System
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Ecological Systems
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Human Body Systems (Part 3)
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Human Body Systems (Part I)
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Muscles
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Nature: Balance
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Nature: Biomes (Part 2)

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SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Photosynthesis
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Photosynthesis
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Plant Systems
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Plants: Tropisms (Part 1)
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Project: Lungs
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Respiratory System
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Roots
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Stems and Leaves
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	The Skeletal and Nervous Systems
SCI.6-8.4.6-8 LS1F.1	Evaluate how lifestyle choices and environments (e.g., tobacco, drug, and alcohol use, amount of exercise, quality of air, and kinds of food) affect parts of the human body and the organism as a whole.	Circulatory System
SCI.6-8.4.6-8 LS1F.1	Evaluate how lifestyle choices and environments (e.g., tobacco, drug, and alcohol use, amount of exercise, quality of air, and kinds of food) affect parts of the human body and the organism as a whole.	Plants: Tropisms (Part 1)
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Atmospheric Layers
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	DNA
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Ecological Systems
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Growth Regulators
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Nature: Balance
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Nature: Biomes (Part 2)
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Photosynthesis
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Photosynthesis
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Plant Systems

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SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Plants: Tropisms (Part 1)
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	The Atmosphere at Work
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Digestive System
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Growth Regulators
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Human Body Systems (Part 3)
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Human Body Systems (Part I)
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Muscles
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Project: Lungs
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Respiratory System
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Roots
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Stems and Leaves
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	The Atmosphere at Work
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	The Skeletal and Nervous Systems
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Experiment: Limewater
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Gas Cycles
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Growth Regulators
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Nature: Balance
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Plant Systems

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SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Products of Photosynthesis
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	The Atmosphere at Work
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	The Leaf Factory
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Atmospheric Layers
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Chemical Energy
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Energy Conversion
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Experiment: Anacharis
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Human Body Systems (Part 3)
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Mechanical Energy
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Photosynthesis
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Photosynthesis
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	The Leaf Factory
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Atmospheric Layers
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Experiment: Anacharis
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Human Body Systems (Part 3)
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Photosynthesis
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Photosynthesis
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Plant Systems

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SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Products of Photosynthesis
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	The Leaf Factory
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Plants: Tropisms (Part 2)
SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Pollution
SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Power
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Animals: Response
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	DNA
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Dominance and Multiple Genes
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Genetics and Reproduction
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Inheritance
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Mitosis and Meiosis

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SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Project: Traits
SCI.6-8.4.6-8 LS3C.1	Identify sexually and asexually reproducing plants and animals.	Plant Systems
SCI.6-8.4.6-8 LS3C.1	Identify sexually and asexually reproducing plants and animals.	Use of Mutations
SCI.6-8.4.6-8 LS3C.2	Explain why offspring that result from sexual reproduction are likely to have more diverse characteristics than offspring that result from asexual reproduction.	Use of Mutations
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Animals: Response
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Dominance and Multiple Genes
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Inheritance
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Project: Genetics
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Project: Traits
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Use of Mutations
SCI.6-8.4.6-8 LS3D.2	Predict the outcome of specific genetic crosses involving one characteristic (using principles of Mendelian genetics).	Experiment: Albinism
SCI.6-8.4.6-8 LS3D.2	Predict the outcome of specific genetic crosses involving one characteristic (using principles of Mendelian genetics).	Genetics and Reproduction
SCI.6-8.4.6-8 LS3D.2	Predict the outcome of specific genetic crosses involving one characteristic (using principles of Mendelian genetics).	Inheritance
SCI.6-8.4.6-8 LS3D.2	Predict the outcome of specific genetic crosses involving one characteristic (using principles of Mendelian genetics).	Punnett Square
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Products of Photosynthesis
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Project: Genetics
SCI.6-8.4.6-8 LS3E.1	Give an example of a plant or animal adaptation that would confer a survival and reproductive advantage during a given environmental change.	Plant Systems
SCI.6-8.4.6-8 LS3E.1	Give an example of a plant or animal adaptation that would confer a survival and reproductive advantage during a given environmental change.	Products of Photosynthesis
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Atmospheric Layers

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SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	DNA
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Ecological Systems
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Growth Regulators
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Nature: Balance
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Nature: Biomes (Part 2)
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Photosynthesis
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Photosynthesis
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Plant Systems
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Plants: Tropisms (Part 1)
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Plants: Tropisms (Part 2)
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	The Atmosphere at Work

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Science	
Grade:	Grade 6	
Section	Description	Lesson Title
SCI.6.2.1.1.a	Generate multiple questions based on observations.	What is Science?
SCI.6.2.1.2.b.1	prediction (hypothesis)	What is Science?
SCI.6.2.1.2.b.2	appropriate materials, tools, and available computer technology	What is Science?
SCI.6.2.1.2.b.3	controlled variables (kept the same)	What is Science?
SCI.6.2.1.2.b.4	one manipulated (changed) variable	What is Science?
SCI.6.2.1.2.b.5	responding (dependent) variable	What is Science?
SCI.6.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	What is Science?
SCI.6.2.1.2.b.7	multiple trials	What is Science?
SCI.6.2.1.2.c.1	Identify multiple variables	What is Science?
SCI.6.2.1.2.c.2	Select observable or measurable variables related to the investigative question	What is Science?
SCI.6.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	What is Science?
SCI.6.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation using inferential logic (e.g., chewing gum loses more mass than bubble gum after being chewed for 5 minutes; chewing gum lost 2.00 grams while bubble gum only lost 1.47 grams).	What is Science?
SCI.6.2.1.3.d	Predict what logically might occur if an investigation lasted longer or changed.	What is Science?
SCI.6.2.1.4.b	Explain how models or computer simulations are used to investigate and predict the behavior of objects, events, systems, or processes.	What is Science?
SCI.6.2.1.5.b.1	reasons for selecting the investigative plan	What is Science?
SCI.6.2.1.5.b.2	materials used in the investigation	What is Science?
SCI.6.2.1.5.b.3	observations, data, results	What is Science?
SCI.6.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	What is Science?
SCI.6.2.1.5.b.5	ramifications of investigations	What is Science?
SCI.6.2.1.5.b.6	safety procedures used	What is Science?
Grade:	Grade 7	
Section	Description	Lesson Title
SCI.7.1.1.2.b	Describe an object's motion as speeding up, slowing down, or moving with constant speed using models, numbers, words, diagrams, and graphs.	Project: Make a Model
SCI.7.1.1.2.b	Describe an object's motion as speeding up, slowing down, or moving with constant speed using models, numbers, words, diagrams, and graphs.	Project: Newton's Laws
SCI.7.1.1.2.c	Measure and describe the speed of an object relative to the speed of another object.	Motion
SCI.7.1.1.5.a	Describe properties of minerals and rocks that give evidence of how they were formed (e.g., crystal size and arrangement, texture, luster, cleavage, hardness, layering, reaction to acid).	The Lithosphere
SCI.7.1.1.5.d	Describe how the atmosphere has different properties at different elevations.	The Atmosphere

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SCI.7.1.2.1.a	Describe the flow of matter and energy through a system (i.e., energy and matter inputs, outputs, transfers, transformations).	Energy Sources
SCI.7.1.2.1.a	Describe the flow of matter and energy through a system (i.e., energy and matter inputs, outputs, transfers, transformations).	Experiment: Heat Transfer
SCI.7.1.2.1.a	Describe the flow of matter and energy through a system (i.e., energy and matter inputs, outputs, transfers, transformations).	Review
SCI.7.1.2.4.a	Describe the components of the Earth's systems (i.e., the core, the mantle, oceanic and crustal plates, landforms, the hydrosphere and atmosphere).	The Atmosphere
SCI.7.1.2.4.a	Describe the components of the Earth's systems (i.e., the core, the mantle, oceanic and crustal plates, landforms, the hydrosphere and atmosphere).	The Hydrosphere
SCI.7.1.2.4.b	Describe the interactions among the components of Earth's systems (i.e., the core, the mantle, oceanic and crustal plates, landforms, the hydrosphere and atmosphere).	The Atmosphere
SCI.7.1.2.4.b	Describe the interactions among the components of Earth's systems (i.e., the core, the mantle, oceanic and crustal plates, landforms, the hydrosphere and atmosphere).	The Hydrosphere
SCI.7.1.3.1.b	Describe how forces acting on an object may balance each other (e.g., the downward force of gravity on an object sitting on a table is balanced by an upward force from the table).	Newton's Laws of Motion
SCI.7.1.3.2.a	Describe how an unbalanced force changes the speed and/or direction of motion of different objects moving along a straight line, 2nd Law of Motion (e.g., a larger unbalanced force is needed to equally change the motion of more massive objects).	Newton's Laws of Motion
SCI.7.1.3.2.a	Describe how an unbalanced force changes the speed and/or direction of motion of different objects moving along a straight line, 2nd Law of Motion (e.g., a larger unbalanced force is needed to equally change the motion of more massive objects).	Project: Newton's Laws
SCI.7.1.3.2.b	Describe how frictional forces act to stop the motion of objects.	Force
SCI.7.1.3.2.c	Investigate and describe the balanced and unbalanced forces acting on an object (e.g., a model car speeding up on a table has both an unbalanced force pulling it forward and a gravitational force pulling it down balanced by the table pushing upward).	Newton's Laws of Motion
SCI.7.1.3.2.c	Investigate and describe the balanced and unbalanced forces acting on an object (e.g., a model car speeding up on a table has both an unbalanced force pulling it forward and a gravitational force pulling it down balanced by the table pushing upward).	Project: Newton's Laws
SCI.7.1.3.2.d	Investigate and describe pressure differences that result in unbalanced forces moving objects (e.g., pressure differences cause forces that move air masses, move blood through the heart, cause volcanic eruptions).	Newton's Laws of Motion

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SCI.7.1.3.2.d	Investigate and describe pressure differences that result in unbalanced forces moving objects (e.g., pressure differences cause forces that move air masses, move blood through the heart, cause volcanic eruptions).	Project: Newton's Laws
SCI.7.1.3.3.a	Observe and describe evidence of physical and chemical changes of matter (e.g., change of state, size, shape, temperature, color, gas production, solid formation, light).	Experiment: Chemical Reactions
SCI.7.1.3.3.a	Observe and describe evidence of physical and chemical changes of matter (e.g., change of state, size, shape, temperature, color, gas production, solid formation, light).	Heat
SCI.7.1.3.3.a	Observe and describe evidence of physical and chemical changes of matter (e.g., change of state, size, shape, temperature, color, gas production, solid formation, light).	Light
SCI.7.1.3.3.a	Observe and describe evidence of physical and chemical changes of matter (e.g., change of state, size, shape, temperature, color, gas production, solid formation, light).	States of Matter
SCI.7.1.3.3.b	Observe and describe that substances undergoing physical changes produce matter with the same chemical properties as the original substance and the same total mass (e.g., tearing paper, freezing water, breaking wood, sugar dissolving in water).	Gravity
SCI.7.1.3.3.c	Observe and describe that substances may react chemically to form new substances with different chemical properties and the same total mass (e.g., baking soda and vinegar; light stick mass before, during, and after reaction).	Chemical Application
SCI.7.1.3.3.c	Observe and describe that substances may react chemically to form new substances with different chemical properties and the same total mass (e.g., baking soda and vinegar; light stick mass before, during, and after reaction).	Chemical Reactions
SCI.7.1.3.3.c	Observe and describe that substances may react chemically to form new substances with different chemical properties and the same total mass (e.g., baking soda and vinegar; light stick mass before, during, and after reaction).	Energy Transformation
SCI.7.1.3.3.c	Observe and describe that substances may react chemically to form new substances with different chemical properties and the same total mass (e.g., baking soda and vinegar; light stick mass before, during, and after reaction).	Review
SCI.7.1.3.4.a	Describe the processes by which soils are formed (e.g., erosion and deposition in river systems).	Destructive Forces
SCI.7.1.3.4.a	Describe the processes by which soils are formed (e.g., erosion and deposition in river systems).	Pathogens
SCI.7.1.3.4.b	Describe how heat (thermal) energy flow and movement (convection currents) beneath Earth's crust cause earthquakes and volcanoes.	The Lithosphere
SCI.7.1.3.4.c	Describe how constructive processes change landforms (e.g., crustal deformation, volcanic eruption, deposition of sediment).	Constructive Forces
SCI.7.1.3.4.c	Describe how constructive processes change landforms (e.g., crustal deformation, volcanic eruption, deposition of sediment).	Destructive Forces
SCI.7.1.3.4.d	Describe how destructive processes change landforms (e.g., rivers erode landforms).	Destructive Forces

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SCI.7.1.3.4.e	Describe the processes involved in the rock cycle (e.g., magma cools into igneous rocks; rocks are eroded and deposited as sediments; sediments solidify into sedimentary rocks; rocks can be changed by heat and pressure to form metamorphic rocks).	Destructive Forces
SCI.7.1.3.4.e	Describe the processes involved in the rock cycle (e.g., magma cools into igneous rocks; rocks are eroded and deposited as sediments; sediments solidify into sedimentary rocks; rocks can be changed by heat and pressure to form metamorphic rocks).	Project: The Rock Cycle
SCI.7.1.3.4.e	Describe the processes involved in the rock cycle (e.g., magma cools into igneous rocks; rocks are eroded and deposited as sediments; sediments solidify into sedimentary rocks; rocks can be changed by heat and pressure to form metamorphic rocks).	The Lithosphere
SCI.7.1.3.4.e	Describe the processes involved in the rock cycle (e.g., magma cools into igneous rocks; rocks are eroded and deposited as sediments; sediments solidify into sedimentary rocks; rocks can be changed by heat and pressure to form metamorphic rocks).	The Rock Cycle
SCI.7.1.3.5.b	Describe different kinds of evidence that are used to document past conditions on Earth (e.g., glacial markings, ash layers, tree rings, rock layers).	Essential Elements
SCI.7.1.3.5.c	Describe how fossils and other artifacts provide evidence of how life has changed over time (e.g., extinction of species).	Extinction
SCI.7.1.3.5.c	Describe how fossils and other artifacts provide evidence of how life has changed over time (e.g., extinction of species).	Fossils
SCI.7.1.3.5.c	Describe how fossils and other artifacts provide evidence of how life has changed over time (e.g., extinction of species).	Review
SCI.7.1.3.6.a	Compare weather and climate.	Effects of the Sun
SCI.7.1.3.6.a	Compare weather and climate.	Weather and Climate
SCI.7.1.3.6.b	Explain the effect of the water cycle on weather (e.g., cloud formation, storms).	Effects of the Sun
SCI.7.1.3.6.b	Explain the effect of the water cycle on weather (e.g., cloud formation, storms).	Project: Water Cycle
SCI.7.1.3.6.b	Explain the effect of the water cycle on weather (e.g., cloud formation, storms).	The Water Cycle
SCI.7.1.3.6.b	Explain the effect of the water cycle on weather (e.g., cloud formation, storms).	Water Pollution
SCI.7.1.3.6.b	Explain the effect of the water cycle on weather (e.g., cloud formation, storms).	Weather and Climate
SCI.7.1.3.6.c	Explain how ocean currents influence the atmosphere in terms of weather and climate.	Effects of the Sun
SCI.7.1.3.6.d	Explain the causes of atmospheric circulation and oceanic currents (e.g., prevailing winds are the result of hot tropical regions, cold polar regions, and Earth's spin).	Effects of the Sun
SCI.7.1.3.8.c	Describe how systems interact to distribute materials and eliminate wastes produced by life processes.	Organ Systems (Part 2)
SCI.7.1.3.8.c	Describe how systems interact to distribute materials and eliminate wastes produced by life processes.	Project: Systems

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SCI.7.1.3.8.d	Describe that both plants and animals extract energy from food, but plants produce their own food from light, air, water, and mineral nutrients, while animals consume energy-rich foods.	Cycles and Energy Flow
SCI.7.1.3.8.d	Describe that both plants and animals extract energy from food, but plants produce their own food from light, air, water, and mineral nutrients, while animals consume energy-rich foods.	Food Chains and Webs
SCI.7.1.3.9.a	Describe how fossils show that extinction is common and that most organisms that lived long ago have become extinct.	Extinction
SCI.7.1.3.9.a	Describe how fossils show that extinction is common and that most organisms that lived long ago have become extinct.	Fossils
SCI.7.1.3.9.a	Describe how fossils show that extinction is common and that most organisms that lived long ago have become extinct.	Review
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Genetic Basics
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Living Organisms
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Mutation
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Other Methods of Evolution
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Patterns of Inheritance
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Project: Natural Selection
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Project: Punnett Squares
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Review
SCI.7.1.3.9.b	Describe how individual organisms with certain traits are more likely than others to survive and have offspring (i.e., natural selection, adaptation).	Review
SCI.7.1.3.9.c	Describe how biological evolution accounts for the diversity of species developed through gradual processes over many generations.	Evidence of Evolution
SCI.7.1.3.9.c	Describe how biological evolution accounts for the diversity of species developed through gradual processes over many generations.	Evolution
SCI.7.1.3.9.c	Describe how biological evolution accounts for the diversity of species developed through gradual processes over many generations.	Review
SCI.7.1.3.10.a	Describe how energy flows through a food chain or web.	Cycles and Energy Flow

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SCI.7.1.3.10.a	Describe how energy flows through a food chain or web.	Food Chains and Webs
SCI.7.1.3.10.a	Describe how energy flows through a food chain or web.	Project: Food Web
SCI.7.1.3.10.a	Describe how energy flows through a food chain or web.	Review
SCI.7.1.3.10.b	Describe how substances such as air, water, and mineral nutrients are continually cycled in ecosystems.	Destructive Forces
SCI.7.1.3.10.b	Describe how substances such as air, water, and mineral nutrients are continually cycled in ecosystems.	Ecosystems
SCI.7.1.3.10.b	Describe how substances such as air, water, and mineral nutrients are continually cycled in ecosystems.	Effects of the Sun
SCI.7.1.3.10.b	Describe how substances such as air, water, and mineral nutrients are continually cycled in ecosystems.	Project: Local Ecosystem
SCI.7.1.3.10.b	Describe how substances such as air, water, and mineral nutrients are continually cycled in ecosystems.	Project: Water Cycle
SCI.7.1.3.10.b	Describe how substances such as air, water, and mineral nutrients are continually cycled in ecosystems.	The Water Cycle
SCI.7.1.3.10.b	Describe how substances such as air, water, and mineral nutrients are continually cycled in ecosystems.	Water Pollution
SCI.7.1.3.10.c	Explain the role of an organism in an ecosystem (e.g., predator, prey, consumer, producer, decomposer, scavenger, carnivore, herbivore, omnivore).	Cooperation
SCI.7.1.3.10.c	Explain the role of an organism in an ecosystem (e.g., predator, prey, consumer, producer, decomposer, scavenger, carnivore, herbivore, omnivore).	Cycles and Energy Flow
SCI.7.1.3.10.c	Explain the role of an organism in an ecosystem (e.g., predator, prey, consumer, producer, decomposer, scavenger, carnivore, herbivore, omnivore).	Food Chains and Webs
SCI.7.1.3.10.c	Explain the role of an organism in an ecosystem (e.g., predator, prey, consumer, producer, decomposer, scavenger, carnivore, herbivore, omnivore).	Limiting Factors
SCI.7.1.3.10.c	Explain the role of an organism in an ecosystem (e.g., predator, prey, consumer, producer, decomposer, scavenger, carnivore, herbivore, omnivore).	Project: Local Ecosystem
SCI.7.1.3.10.c	Explain the role of an organism in an ecosystem (e.g., predator, prey, consumer, producer, decomposer, scavenger, carnivore, herbivore, omnivore).	Review
SCI.7.1.3.10.d	Describe how a population of an organism responds to a change in its environment.	Destructive Forces
SCI.7.1.3.10.d	Describe how a population of an organism responds to a change in its environment.	Ecosystems
SCI.7.2.1.1.a	Generate multiple questions based on observations.	What is Science?
SCI.7.2.1.1.c	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Mixtures and Solutions
SCI.7.2.1.2.a	Make predictions (hypothesize) and give reasons.	Observation and Questioning
SCI.7.2.1.2.b.1	prediction (hypothesis)	Observation and Questioning
SCI.7.2.1.2.b.1	prediction (hypothesis)	Project: Newton's Laws
SCI.7.2.1.2.b.2	appropriate materials, tools, and available computer technology	Project: Newton's Laws
SCI.7.2.1.2.b.3	controlled variables (kept the same)	Experiment: Energy Efficiency
SCI.7.2.1.2.b.3	controlled variables (kept the same)	Project: Newton's Laws
SCI.7.2.1.2.b.4	one manipulated (changed) variable	Data Collection, Analysis, and Communication
SCI.7.2.1.2.b.4	one manipulated (changed) variable	Project: Newton's Laws
SCI.7.2.1.2.b.5	responding (dependent) variable	Data Collection, Analysis, and Communication

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SCI.7.2.1.2.b.5	responding (dependent) variable	Project: Newton's Laws
SCI.7.2.1.2.b.7	multiple trials	Project: Newton's Laws
SCI.7.2.1.2.c.1	Identify multiple variables	Data Collection, Analysis, and Communication
SCI.7.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	Ethic and Genetics
SCI.7.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	Ethics
SCI.7.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	Project: Ethics Case Study
SCI.7.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	Project: Ethics Essay
SCI.7.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	Project: Newton's Laws
SCI.7.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	What is Science?
SCI.7.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation using inferential logic (e.g., chewing gum loses more mass than bubble gum after being chewed for 5 minutes; chewing gum lost 2.00 grams while bubble gum only lost 1.47 grams).	Essential Elements
SCI.7.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation using inferential logic (e.g., chewing gum loses more mass than bubble gum after being chewed for 5 minutes; chewing gum lost 2.00 grams while bubble gum only lost 1.47 grams).	What is Science?
SCI.7.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Essential Elements
SCI.7.2.1.3.c	Generate a scientific explanation of an observed phenomenon using given data.	Experiment: Chemical Reactions
SCI.7.2.1.3.d	Describe the difference between evidence (data) and conclusions.	Essential Elements
SCI.7.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Destructive Forces
SCI.7.2.1.4.b	Explain the advantages and limitations of investigating with a model.	Project: Make a Model
SCI.7.2.1.4.b	Explain the advantages and limitations of investigating with a model.	Project: Newton's Laws
SCI.7.2.1.5.a	Report observations of scientific investigations without making inferences.	Data Collection, Analysis, and Communication
SCI.7.2.1.5.b.1	reasons for selecting the investigative plan	What is Science?
SCI.7.2.1.5.b.2	materials used in the investigation	Mixtures and Solutions
SCI.7.2.1.5.b.2	materials used in the investigation	What is Science?
SCI.7.2.1.5.b.3	observations, data, results	What is Science?
SCI.7.2.1.5.b.5	ramifications of investigations	What is Science?
SCI.7.2.1.5.b.6	safety procedures used	Ethic and Genetics
SCI.7.2.1.5.b.6	safety procedures used	Ethics
SCI.7.2.1.5.b.6	safety procedures used	Project: Ethics Case Study
SCI.7.2.1.5.b.6	safety procedures used	Project: Ethics Essay
SCI.7.2.1.5.b.6	safety procedures used	Project: Newton's Laws

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SCI.7.2.2.1.b	Describe how scientists accurately and honestly record, report, and share observations and measurements without bias.	Bias
SCI.7.2.2.1.b	Describe how scientists accurately and honestly record, report, and share observations and measurements without bias.	Review
SCI.7.2.2.1.c	Explain why honest acknowledgement of the contributions of others and information sources are necessary.	Project: Environmental Policies
SCI.7.2.2.1.c	Explain why honest acknowledgement of the contributions of others and information sources are necessary.	Project: Lupus
SCI.7.2.2.1.c	Explain why honest acknowledgement of the contributions of others and information sources are necessary.	Project: Radiation Therapy
SCI.7.2.2.1.c	Explain why honest acknowledgement of the contributions of others and information sources are necessary.	Project: Sickle Cell Anemia
SCI.7.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	What is Science?
SCI.7.2.2.4.a	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Data Collection, Analysis, and Communication
SCI.7.2.2.4.b	Describe how the method of an investigation is valid (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	Experiment: Energy Efficiency
SCI.7.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Data Collection, Analysis, and Communication
SCI.7.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Mixtures and Solutions
SCI.7.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Observation and Questioning
SCI.7.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Project: Conduct an Experiment
SCI.7.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Project: Design an Experiment
SCI.7.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Review
SCI.7.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Scientific Method
SCI.7.2.2.5.a	Describe how scientific inquiry results in new facts, evidence, unexpected findings, ideas, and explanations.	Essential Elements
SCI.7.2.2.5.d	Describe how new ideas need repeated inquiries before acceptance.	Data Collection, Analysis, and Communication
SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Medical Advances

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SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Pathogens
SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Project: Astronomy Timeline
SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Project: Public Health
SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Science and Society
SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Science and Technology
SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Space Exploration
SCI.7.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Vaccinations and Immunizations
SCI.7.3.1.1.b	Describe the scientific concept, principle, or process used in a solution to a human problem (e.g., understanding of the relationship between electricity and magnetism has been used to make electric motors and generators).	Experiment: Electric Motor
SCI.7.3.1.2.a.3	explore ideas	Observation and Questioning
SCI.7.3.1.2.a.6	scientifically test solution	Experiment: Air Resistance
SCI.7.3.1.2.a.6	scientifically test solution	Experiment: Biodegradability
SCI.7.3.1.2.a.6	scientifically test solution	Experiment: Energy Efficiency
SCI.7.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Experiment: Energy Efficiency
SCI.7.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Project: Public Health
SCI.7.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Vaccinations and Immunizations
SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Medical Advances
SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Pathogens
SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Project: Astronomy Timeline
SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Project: Public Health

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SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Science and Society
SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Science and Technology
SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Space Exploration
SCI.7.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Vaccinations and Immunizations
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Medical Advances
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Pathogens
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Astronomy Timeline
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Environmental Policies
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Karyotype
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Lupus
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Morphology
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Organ Transplants
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Public Health
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Radiation Therapy
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Sickle Cell Anemia
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Science and Society
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Science and Technology
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Space Exploration
SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Vaccinations and Immunizations

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SCI.7.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	What is Science?
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Experiment: Energy Efficiency
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Environmental Policies
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Karyotype
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Lupus
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Morphology
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Organ Transplants
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Radiation Therapy
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Sickle Cell Anemia
SCI.7.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Science and Technology
SCI.7.3.2.2.c	Describe how a scientifically designed solution to a human problem can lead to new tools that generate further inquiry (e.g., microscopes, telescopes, and computers).	Project: Personal Health Assessment
SCI.7.3.2.2.c	Describe how a scientifically designed solution to a human problem can lead to new tools that generate further inquiry (e.g., microscopes, telescopes, and computers).	Unhealthy Behaviors
SCI.7.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Careers in Science
SCI.7.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Experiment: Energy Efficiency
SCI.7.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Project: Personal Health Assessment
SCI.7.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Review
SCI.7.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Science and Technology
SCI.7.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Unhealthy Behaviors
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Careers in Science
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Experiment: Energy Efficiency
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Environmental Policies

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SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Karyotype
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Lupus
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Morphology
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Organ Transplants
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Personal Health Assessment
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Radiation Therapy
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Sickle Cell Anemia
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Review
SCI.7.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Unhealthy Behaviors
SCI.7.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Ecosystems
SCI.7.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Energy Sources
SCI.7.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Project: Local Ecosystem
SCI.7.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Communicable Diseases
SCI.7.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Conservation
SCI.7.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Ecosystems
SCI.7.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Healthy Living
SCI.7.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Project: Local Ecosystem
SCI.7.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Ecosystems
SCI.7.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Project: Local Ecosystem
Grade:	Grade 8	
Section	Description	Lesson Title
SCI.8.2.1.1.a	Generate multiple questions based on observations.	What is Science?
SCI.8.2.1.1.b	Generate a question that can be investigated scientifically.	What is Science?
SCI.8.2.1.2.b.1	prediction (hypothesis)	What is Science?

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SCI.8.2.1.2.b.2	appropriate materials, tools, and available computer technology	What is Science?
SCI.8.2.1.2.b.3	controlled variables (kept the same)	What is Science?
SCI.8.2.1.2.b.4	one manipulated (changed) variable	What is Science?
SCI.8.2.1.2.b.5	responding (dependent) variable	What is Science?
SCI.8.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	What is Science?
SCI.8.2.1.2.b.7	multiple trials	What is Science?
SCI.8.2.1.2.c.1	Identify multiple variables	What is Science?
SCI.8.2.1.2.d	Identify and explain safety requirements that would be needed in the investigation.	What is Science?
SCI.8.2.1.5.b.2	materials used in the investigation	What is Science?
SCI.8.2.1.5.b.3	observations, data, results	What is Science?
SCI.8.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	What is Science?
SCI.8.2.1.5.b.6	safety procedures used	What is Science?
SCI.8.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	What is Science?
SCI.8.2.2.5.e	Describe how new investigative questions arise at the completion of scientific inquiry.	What is Science?
SCI.8.3.2.2.d	Compare the processes of scientific inquiry and scientific design in terms of activities, results, and/or influence on individuals and/or society.	What is Science?
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 6-8	
Section	Description	Lesson Title
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Animal Tissue
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Plant Tissue
SCI.6-8.1.6-8 SYSA.1	Given a system, identify subsystems and a larger encompassing system (e.g., the heart is a system made up of tissues and cells, and is part of the larger circulatory system).	Review
SCI.6-8.1.6-8 SYSB.1	Explain how the boundaries of a system can be drawn to fit the purpose of the study (e.g., to study how insect populations change, a system might be a forest, a meadow in the forest, or a single tree).	Careers in Science
SCI.6-8.1.6-8 SYSB.1	Explain how the boundaries of a system can be drawn to fit the purpose of the study (e.g., to study how insect populations change, a system might be a forest, a meadow in the forest, or a single tree).	What is Science?
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Project: Water Cycle

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SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Careers in Science
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Science and Technology
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	What is Science?
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Newton's Laws of Motion
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Project: Newton's Laws
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	Science and Technology
SCI.6-8.2.6-8 INQB.1	Plan and conduct a scientific investigation (e.g., field study, systematic observation, controlled experiment, model, or simulation) that is appropriate for the question being asked.	What is Science?
SCI.6-8.2.6-8 INQB.2	Propose a hypothesis, give a reason for the hypothesis, and explain how the planned investigation will test the hypothesis.	Observation and Questioning
SCI.6-8.2.6-8 INQB.2	Propose a hypothesis, give a reason for the hypothesis, and explain how the planned investigation will test the hypothesis.	What is Science?
SCI.6-8.2.6-8 INQB.3	Work collaboratively with other students to carry out the investigations.	Careers in Science
SCI.6-8.2.6-8 INQB.3	Work collaboratively with other students to carry out the investigations.	What is Science?
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Experiment: Chemical Reactions
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	What is Science?
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Data Collection, Analysis, and Communication

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SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Newton's Laws of Motion
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Observation and Questioning
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Project: Newton's Laws
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	What is Science?
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Bias
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Project: Cell
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Project: Make a Model
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	What is Science?

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SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Careers in Science
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Project: Cell
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	What is Science?
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	Project: Cell
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	What is Science?
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Data Collection, Analysis, and Communication
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Essential Elements
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Observation and Questioning
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	What is Science?
SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Bias
SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Experiment: Chemical Reactions
SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Experiment: Electric Motor
SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Experiment: Energy Efficiency

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SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Review
SCI.6-8.2.6-8 INQH.2	Listen actively and respectfully to research reports by other students. Critique their presentations respectfully, using logical argument and evidence.	Essential Elements
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	Bias
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	Careers in Science
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	Project: Personal Health Assessment
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	Review
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	Unhealthy Behaviors
SCI.6-8.2.6-8 INQH.3	Engage in reflection and self-evaluation.	What is Science?
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Careers in Science
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Ecosystems
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Ethic and Genetics
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Ethics
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Project: Ethics Case Study
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Project: Ethics Essay
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Project: Local Ecosystem
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Project: Water Cycle
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Review
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Review

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SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	What is Science?
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Experiment: Energy Efficiency
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Science and Society
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Science and Technology
SCI.6-8.3.6-8 APPB.1	Investigate several professions in which an understanding of science and technology is required. Explain why that understanding is necessary for success in each profession.	Careers in Science
SCI.6-8.3.6-8 APPB.1	Investigate several professions in which an understanding of science and technology is required. Explain why that understanding is necessary for success in each profession.	Review
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Environmental Policies
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Karyotype
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Lupus
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Morphology
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Organ Transplants
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Radiation Therapy
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Sickle Cell Anemia
SCI.6-8.3.6-8 APPD.3	Brainstorm different solutions.	Bias
SCI.6-8.3.6-8 APPD.3	Brainstorm different solutions.	What is Science?
SCI.6-8.3.6-8 APPE.1	Collaborate with other students to generate creative solutions to a problem, and apply methods for making trade-offs to choose the best solution.	Experiment: Electric Motor
SCI.6-8.3.6-8 APPF.1	Test the best solution by building a model or other representation, and using it with the intended audience. Redesign if necessary.	Experiment: Electric Motor
SCI.6-8.3.6-8 APPF.2	Present the recommended design using models or drawings and an engaging presentation.	Project: Make a Model
SCI.6-8.3.6-8 APPG.1	Contrast the benefits of science and technology enjoyed by people in industrialized and developing nations.	Experiment: Energy Efficiency
SCI.6-8.3.6-8 APPG.1	Contrast the benefits of science and technology enjoyed by people in industrialized and developing nations.	Project: Public Health
SCI.6-8.3.6-8 APPG.1	Contrast the benefits of science and technology enjoyed by people in industrialized and developing nations.	Vaccinations and Immunizations
SCI.6-8.3.6-8 APPH.1	Describe scientific or technological contributions to society by people in various cultures.	Project: Personal Health Assessment
SCI.6-8.3.6-8 APPH.1	Describe scientific or technological contributions to society by people in various cultures.	Unhealthy Behaviors
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Experiment: Energy Efficiency
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Gravity

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SCI.6-8.4.6-8 PS1B.1	Demonstrate and explain the frictional force acting on an object with the use of a physical model.	Force
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Essential Elements
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Force
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Newton's Laws of Motion
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Project: Newton's Laws
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Force
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Motion
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Newton's Laws of Motion
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Project: Newton's Laws
SCI.6-8.4.6-8 PS2B.1	Separate a mixture using differences in properties (e.g., solubility, size, magnetic attraction) of the substances used to make the mixture.	Experiment: Chromatography
SCI.6-8.4.6-8 PS2B.1	Separate a mixture using differences in properties (e.g., solubility, size, magnetic attraction) of the substances used to make the mixture.	Mixtures and Solutions
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Atoms, Molecules, and Compounds
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Project: Cell
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Atoms, Molecules, and Compounds
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Project: Elements
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Review
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Atoms, Molecules, and Compounds
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Project: Elements
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Review
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Chemical Application

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SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Chemical Reactions
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Energy Transformation
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Gravity
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Review
SCI.6-8.4.6-8 PS3A.1	List different forms of energy (e.g., thermal, light, chemical, electrical, kinetic, and sound energy).	Energy
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Energy Sources
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Experiment: Heat Transfer
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Heat
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Review
SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Energy Sources
SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Experiment: Heat Transfer
SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Heat
SCI.6-8.4.6-8 PS3C.1	Explain how various types of insulation slow transfer of heat energy based on the atomic-molecular model of heat (thermal energy).	Communicable Diseases

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SCI.6-8.4.6-8 PS3C.1	Explain how various types of insulation slow transfer of heat energy based on the atomic-molecular model of heat (thermal energy).	Experiment: Energy Efficiency
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	Light
SCI.6-8.4.6-8 PS3D.2	Draw and label a diagram showing that for an object to be seen, light must come directly from the object or from an external source reflected from the object, and enter the eye.	Light
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Communicable Diseases
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Electricity and Magnetism
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Experiment: Energy Efficiency
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Light
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Review
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Sound
SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Project: Cell
SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Review
SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Sound
SCI.6-8.4.6-8 PS3F.2	Explain that sound is caused by a vibrating object.	Review
SCI.6-8.4.6-8 PS3F.2	Explain that sound is caused by a vibrating object.	Sound
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Project: Cell
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	The Earth and Moon
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Asteroids, Comets, and Meteors
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Jupiter and Saturn

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SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Mercury, Venus, and Mars
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Our Solar System
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Project: Planet Comparison
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Review
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	The Sun
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Uranus, Neptune, and Pluto
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	The Earth and Moon
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Asteroids, Comets, and Meteors
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Jupiter and Saturn
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Project: Beyond Our Solar System
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Project: Planet Comparison
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Project: Solar System Model
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	The Universe
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Uranus, Neptune, and Pluto
SCI.6-8.4.6-8 ES2A.1	Describe the composition and properties of the troposphere and stratosphere.	Weather and Climate
SCI.6-8.4.6-8 ES2B.1	Connect the uneven heating of Earth's surface by the Sun to global wind and ocean currents.	Weather and Climate
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	Effects of the Sun

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SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	Project: Water Cycle
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	The Water Cycle
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	Water Pollution
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	Effects of the Sun
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	Project: Water Cycle
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	The Water Cycle
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	Water Pollution
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Project: Cell
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	The Lithosphere
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Heat
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Constructive Forces
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Cycles and Energy Flow
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Destructive Forces
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	The Lithosphere
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Project: The Rock Cycle
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	The Lithosphere
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	The Rock Cycle
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Destructive Forces
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Project: Environmental Policies

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SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Project: Lupus
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Project: Radiation Therapy
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Project: Sickle Cell Anemia
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Observation and Questioning
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Project: The Rock Cycle
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	The Lithosphere
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	The Rock Cycle
SCI.6-8.4.6-8 ES3D.1	Interpret current landforms of the Pacific Northwest as evidence of past geologic events (e.g., Mount St. Helens and Crater Lake provide evidence of volcanism, the Channeled Scablands provides evidence of floods that resulted from melting of glaciers).	Experiment: Chemical Reactions
SCI.6-8.4.6-8 LS1A.1	Draw and describe observations made with a microscope showing that plants and animals are made of cells, and explain that cells are the fundamental unit of life.	Project: Cell
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Animal Organelles
SCI.6-8.4.6-8 LS1B.1	Draw and describe observations made with a microscope, showing that a single-celled organism (e.g., paramecium) contains parts used for all life functions.	Animal Organelles
SCI.6-8.4.6-8 LS1B.1	Draw and describe observations made with a microscope, showing that a single-celled organism (e.g., paramecium) contains parts used for all life functions.	Living Organisms
SCI.6-8.4.6-8 LS1B.1	Draw and describe observations made with a microscope, showing that a single-celled organism (e.g., paramecium) contains parts used for all life functions.	Review

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SCI.6-8.4.6-8 LS1C.1	Relate the structure of a specialized cell (e.g., nerve and muscle cells) to the function that the cell performs.	Animal Organelles
SCI.6-8.4.6-8 LS1C.1	Relate the structure of a specialized cell (e.g., nerve and muscle cells) to the function that the cell performs.	Cells
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Animal Tissue
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Immune System
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Organ Systems (Part 1)
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Organ Systems (Part 2)
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Organs
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Plant Tissue
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Project: Systems
SCI.6-8.4.6-8 LS1C.2	Explain the relationship between tissues that make up individual organs and the functions the organ performs (e.g., valves in the heart control blood flow, air sacs in the lungs maximize surface area for transfer of gases).	Review
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Chronic Diseases
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Degenerative Diseases
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Organ Systems (Part 1)
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Organ Systems (Part 2)
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Organs
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Plant Tissue

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SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Project: Systems
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Review
SCI.6-8.4.6-8 LS1C.3	Describe the components and functions of the digestive, circulatory, and respiratory systems in humans and how these systems interact.	Vaccinations and Immunizations
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Animal Organelles
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Plant Organelles
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Project: Cell
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Review
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Animalia Kingdom
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Organ Systems (Part 2)
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Plant Tissue
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Review
SCI.6-8.4.6-8 LS1F.1	Evaluate how lifestyle choices and environments (e.g., tobacco, drug, and alcohol use, amount of exercise, quality of air, and kinds of food) affect parts of the human body and the organism as a whole.	Chronic Diseases
SCI.6-8.4.6-8 LS1F.1	Evaluate how lifestyle choices and environments (e.g., tobacco, drug, and alcohol use, amount of exercise, quality of air, and kinds of food) affect parts of the human body and the organism as a whole.	Degenerative Diseases
SCI.6-8.4.6-8 LS1F.1	Evaluate how lifestyle choices and environments (e.g., tobacco, drug, and alcohol use, amount of exercise, quality of air, and kinds of food) affect parts of the human body and the organism as a whole.	Vaccinations and Immunizations

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SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Ecosystems
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Effects of the Sun
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Gravity
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Heat
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Mixtures and Solutions
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Project: Food Web
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Project: Local Ecosystem
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Project: Water Cycle
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Review
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Ecosystems
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Organ Systems (Part 2)
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Plant Tissue
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Project: Local Ecosystem
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Project: Water Cycle
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Review
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Review
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Competition
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Cooperation
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Cycles and Energy Flow
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Ecosystems
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Food Chains and Webs

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SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Limiting Factors
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Project: Food Web
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Project: Local Ecosystem
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Project: Water Cycle
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Review
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Effects of the Sun
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Review
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Effects of the Sun
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Living Organisms
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Mutation
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Patterns of Inheritance
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Review
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Destructive Forces
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Ecosystems
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Essential Elements

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SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Pathogens
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	Evidence of Evolution
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	Evolution
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	Other Methods of Evolution
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	Project: Natural Selection
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Animal Organelles
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Genetic Basics
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Patterns of Inheritance
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Project: Karyotype
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Punnett Squares
SCI.6-8.4.6-8 LS3B.1	Explain that information on how cells are to grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring.	Review
SCI.6-8.4.6-8 LS3C.1	Identify sexually and asexually reproducing plants and animals.	Asexual Reproduction
SCI.6-8.4.6-8 LS3C.1	Identify sexually and asexually reproducing plants and animals.	Review
SCI.6-8.4.6-8 LS3C.1	Identify sexually and asexually reproducing plants and animals.	Review
SCI.6-8.4.6-8 LS3C.1	Identify sexually and asexually reproducing plants and animals.	Sexual Reproduction
SCI.6-8.4.6-8 LS3C.2	Explain why offspring that result from sexual reproduction are likely to have more diverse characteristics than offspring that result from asexual reproduction.	Asexual Reproduction

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SCI.6-8.4.6-8 LS3C.2	Explain why offspring that result from sexual reproduction are likely to have more diverse characteristics than offspring that result from asexual reproduction.	Review
SCI.6-8.4.6-8 LS3C.2	Explain why offspring that result from sexual reproduction are likely to have more diverse characteristics than offspring that result from asexual reproduction.	Review
SCI.6-8.4.6-8 LS3C.2	Explain why offspring that result from sexual reproduction are likely to have more diverse characteristics than offspring that result from asexual reproduction.	Sexual Reproduction
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Genetic Basics
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Patterns of Inheritance
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Review
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Review
SCI.6-8.4.6-8 LS3D.1	Describe that in sexual reproduction the offspring receive genetic information from both parents, and therefore differ from the parents.	Sexual Reproduction
SCI.6-8.4.6-8 LS3D.2	Predict the outcome of specific genetic crosses involving one characteristic (using principles of Mendelian genetics).	Patterns of Inheritance
SCI.6-8.4.6-8 LS3D.2	Predict the outcome of specific genetic crosses involving one characteristic (using principles of Mendelian genetics).	Project: Punnett Squares
SCI.6-8.4.6-8 LS3D.2	Predict the outcome of specific genetic crosses involving one characteristic (using principles of Mendelian genetics).	Punnett Squares
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Living Organisms
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Mutation
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Patterns of Inheritance
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Project: Local Ecosystem
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Review
SCI.6-8.4.6-8 LS3E.1	Give an example of a plant or animal adaptation that would confer a survival and reproductive advantage during a given environmental change.	Destructive Forces
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Destructive Forces
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Ecosystems
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Project: Local Ecosystem
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Project: Water Cycle

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SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Review
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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Science	
Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
SCI.8.1.1.1.b	Recognize that the mass of an object is the same when measured anywhere in the universe at any normal speed.	Experiment: Gravity
SCI.8.1.1.1.b	Recognize that the mass of an object is the same when measured anywhere in the universe at any normal speed.	Experiment: Specific Gravity
SCI.8.1.1.1.b	Recognize that the mass of an object is the same when measured anywhere in the universe at any normal speed.	Measurement
SCI.8.1.1.1.b	Recognize that the mass of an object is the same when measured anywhere in the universe at any normal speed.	Measurement: Mass
SCI.8.1.1.1.b	Recognize that the mass of an object is the same when measured anywhere in the universe at any normal speed.	Stars
SCI.8.1.1.1.c	Describe why substances with the same volume or same mass may have different densities.	Density
SCI.8.1.1.1.c	Describe why substances with the same volume or same mass may have different densities.	Measurement: Volume
SCI.8.1.1.1.d	Describe the volumetric properties of solids, liquids, and gases (e.g., a gas has the same volume as its container).	Experiment: Mass of Gas
SCI.8.1.1.1.d	Describe the volumetric properties of solids, liquids, and gases (e.g., a gas has the same volume as its container).	Measurement: Volume
SCI.8.1.1.1.d	Describe the volumetric properties of solids, liquids, and gases (e.g., a gas has the same volume as its container).	Structure of Matter
SCI.8.1.1.1.d	Describe the volumetric properties of solids, liquids, and gases (e.g., a gas has the same volume as its container).	Volume
SCI.8.1.2.2.a	Explain the transfer and transformations of energy within a system (e.g., conduction and convection of heat [thermal] energy).	Nuclear Power
SCI.8.1.2.2.a	Explain the transfer and transformations of energy within a system (e.g., conduction and convection of heat [thermal] energy).	Turbidity, Sedimentation, and Currents
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Astronomy and Measurement
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Measuring the Universe
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Project: The Moon and Tides
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	Science and Space
SCI.8.1.2.5.a	Compare the relationships among the components of the solar system (e.g., composition, size, atmosphere, gravity, distance from the Sun, number of moons).	The Biosphere
SCI.8.1.2.6.a	Describe the life function of specialized cells or tissues (e.g., blood cells are different from bone cells; leaf tissues capture the energy from sunlight).	Photosynthesis and Food

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SCI.8.1.2.8.a	Describe relationships among the organ systems of the human body (e.g., the role of the senses and the nervous system for human survival, the relationships between the digestive and excretory systems).	Population and Environment
SCI.8.1.2.8.b	Compare human body systems to another organism's body system (e.g., human lungs to plant leaves, human skeletal or circulatory systems to plant stems).	Photosynthesis and Food
SCI.8.2.1.1.c	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Project: Marine Report
SCI.8.2.1.1.c	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Project: Reactors
SCI.8.2.1.2.a	Make predictions (hypothesize) and give reasons.	Experiment: Mass of Gas
SCI.8.2.1.2.b.1	prediction (hypothesis)	Experiment: Mass of Gas
SCI.8.2.1.2.b.5	responding (dependent) variable	Measurement: Area
SCI.8.2.1.2.b.5	responding (dependent) variable	Measurement: Size and Distance
SCI.8.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Determining Volume
SCI.8.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Gathering Light with Telescopes
SCI.8.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Graphs: Pictographs and Pie Charts
SCI.8.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Graphs: Uses, Bar, and Line
SCI.8.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Project: Making Graphs
SCI.8.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Experiment: Gravity
SCI.8.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Experiment: Specific Gravity
SCI.8.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Measurement
SCI.8.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Measurement: Area
SCI.8.2.1.2.c.2	Select observable or measurable variables related to the investigative question	Measurement: Size and Distance
SCI.8.2.1.3.a	Generate a scientific conclusion including supporting data from an investigation using inferential logic (e.g., chewing gum loses more mass than bubble gum after being chewed for 5 minutes; chewing gum lost 2.00 grams while bubble gum only lost 1.47 grams).	Geology of the Ocean
SCI.8.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Geology of the Ocean
SCI.8.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Project: Marine Report
SCI.8.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Project: Reactors
SCI.8.2.1.3.c	Generate a scientific explanation of an observed phenomenon using given data.	Geography and Time (Part 2)
SCI.8.2.1.3.d	Describe the difference between evidence (data) and conclusions.	Geology of the Ocean
SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	History of Oceanography

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SCI.8.2.1.4.a	Create a model or computer simulation to investigate and predict the behavior of objects, events, systems, or processes (e.g., phases of the Moon using a solar system model).	Inner Space
SCI.8.2.1.5.a	Report observations of scientific investigations without making inferences.	Project: Marine Report
SCI.8.2.1.5.a	Report observations of scientific investigations without making inferences.	Project: Reactors
SCI.8.2.1.5.b.2	materials used in the investigation	Project: Marine Report
SCI.8.2.1.5.b.2	materials used in the investigation	Project: Reactors
SCI.8.2.1.5.b.3	observations, data, results	Experiment: Determining Volume
SCI.8.2.1.5.b.3	observations, data, results	Experiment: Gravity
SCI.8.2.1.5.b.3	observations, data, results	Experiment: Mass of Gas
SCI.8.2.1.5.b.3	observations, data, results	Experiment: Specific Gravity
SCI.8.2.1.5.b.3	observations, data, results	Gathering Light with Telescopes
SCI.8.2.1.5.b.3	observations, data, results	Project: Marine Report
SCI.8.2.1.5.b.3	observations, data, results	Project: Reactors
SCI.8.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Marine Report
SCI.8.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Project: Reactors
SCI.8.2.1.5.b.5	ramifications of investigations	Project: Marine Report
SCI.8.2.1.5.b.5	ramifications of investigations	Project: Reactors
SCI.8.2.2.1.c	Describe how scientists accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Gravity
SCI.8.2.2.1.c	Describe how scientists accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Specific Gravity
SCI.8.2.2.1.c	Describe how scientists accurately and honestly record, report, and share observations and measurements without bias.	Measurement
SCI.8.2.2.3.a	Compare two or more similar investigations and explain why different results were produced (e.g., insufficient data could be interpreted as inconsistent results).	Experiment: Determining Volume
SCI.8.2.2.3.a	Compare two or more similar investigations and explain why different results were produced (e.g., insufficient data could be interpreted as inconsistent results).	Experiment: Gravity
SCI.8.2.2.3.a	Compare two or more similar investigations and explain why different results were produced (e.g., insufficient data could be interpreted as inconsistent results).	Experiment: Mass of Gas
SCI.8.2.2.3.a	Compare two or more similar investigations and explain why different results were produced (e.g., insufficient data could be interpreted as inconsistent results).	Experiment: Specific Gravity
SCI.8.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	Experiment: Determining Volume
SCI.8.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	Experiment: Gravity
SCI.8.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	Experiment: Mass of Gas

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SCI.8.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	Experiment: Specific Gravity
SCI.8.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	Project: Marine Report
SCI.8.2.2.3.c	Explain why the results from a single investigation or demonstration are not sufficient to describe a phenomenon.	Project: Reactors
SCI.8.2.2.4.a	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Experiment: Determining Volume
SCI.8.2.2.4.a	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Experiment: Gravity
SCI.8.2.2.4.a	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Experiment: Mass of Gas
SCI.8.2.2.4.a	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Experiment: Specific Gravity
SCI.8.2.2.4.a	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Project: Marine Report
SCI.8.2.2.4.a	Describe how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	Project: Reactors
SCI.8.2.2.4.b	Describe how the method of an investigation is valid (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	Project: Marine Report
SCI.8.2.2.4.b	Describe how the method of an investigation is valid (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	Project: Reactors
SCI.8.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Project: Marine Report
SCI.8.2.2.4.c	Describe the purpose of the steps and materials of an investigation's procedure in terms of the validity of the investigation.	Project: Reactors
SCI.8.2.2.4.d	Modify an investigation to improve the validity of the investigation and explain how the modifications improved the validity (e.g., more controlled variables, more accurate measuring techniques, greater sample size).	Experiment: Gravity
SCI.8.2.2.4.d	Modify an investigation to improve the validity of the investigation and explain how the modifications improved the validity (e.g., more controlled variables, more accurate measuring techniques, greater sample size).	Experiment: Specific Gravity

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SCI.8.2.2.4.d	Modify an investigation to improve the validity of the investigation and explain how the modifications improved the validity (e.g., more controlled variables, more accurate measuring techniques, greater sample size).	Measurement
SCI.8.2.2.4.d	Modify an investigation to improve the validity of the investigation and explain how the modifications improved the validity (e.g., more controlled variables, more accurate measuring techniques, greater sample size).	Project: Marine Report
SCI.8.2.2.4.d	Modify an investigation to improve the validity of the investigation and explain how the modifications improved the validity (e.g., more controlled variables, more accurate measuring techniques, greater sample size).	Project: Reactors
SCI.8.2.2.5.a	Describe how scientific inquiry results in new facts, evidence, unexpected findings, ideas, and explanations.	Geology of the Ocean
SCI.8.2.2.5.a	Describe how scientific inquiry results in new facts, evidence, unexpected findings, ideas, and explanations.	Project: Marine Report
SCI.8.2.2.5.a	Describe how scientific inquiry results in new facts, evidence, unexpected findings, ideas, and explanations.	Project: Reactors
SCI.8.2.2.5.c	Describe how increased understanding of systems leads to new questions to be investigated.	Project: Marine Report
SCI.8.2.2.5.c	Describe how increased understanding of systems leads to new questions to be investigated.	Project: Reactors
SCI.8.2.2.5.e	Describe how new investigative questions arise at the completion of scientific inquiry.	Project: Marine Report
SCI.8.2.2.5.e	Describe how new investigative questions arise at the completion of scientific inquiry.	Project: Reactors
SCI.8.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Outer Space
SCI.8.3.1.1.a	Describe how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding erosion can be used to solve some flooding problems).	Space Explorations
SCI.8.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., collect data by measuring all the factors and establish which are the most important to solve the problem).	Experiment: Determining Volume
SCI.8.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., collect data by measuring all the factors and establish which are the most important to solve the problem).	Experiment: Gravity
SCI.8.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., collect data by measuring all the factors and establish which are the most important to solve the problem).	Experiment: Specific Gravity
SCI.8.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., collect data by measuring all the factors and establish which are the most important to solve the problem).	Measurement
SCI.8.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Determining Volume
SCI.8.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Gravity

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SCI.8.3.1.2.a.2	scientifically gather information and collect measurable data	Experiment: Specific Gravity
SCI.8.3.1.2.a.2	scientifically gather information and collect measurable data	Gathering Light with Telescopes
SCI.8.3.1.2.a.2	scientifically gather information and collect measurable data	Measurement
SCI.8.3.1.2.a.2	scientifically gather information and collect measurable data	Measurement: Area
SCI.8.3.1.2.a.2	scientifically gather information and collect measurable data	Measurement: Size and Distance
SCI.8.3.1.2.a.3	explore ideas	Experiment: Mass of Gas
SCI.8.3.1.2.a.6	scientifically test solution	Experiment: Determining Volume
SCI.8.3.1.2.a.6	scientifically test solution	Experiment: Gravity
SCI.8.3.1.2.a.6	scientifically test solution	Experiment: Mass of Gas
SCI.8.3.1.2.a.6	scientifically test solution	Experiment: Specific Gravity
SCI.8.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Agriculture and Waste
SCI.8.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Applications and Environmental Hazards
SCI.8.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Other Types of Telescopes
SCI.8.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Project: Marine Report
SCI.8.3.1.3.c	Describe the consequences of the solution to the problem or challenge (e.g., using rocks on the edge of a stream to prevent erosion may destroy habitat).	Project: Reactors
SCI.8.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Outer Space
SCI.8.3.2.1.a	Explain how the contributions of diverse individuals have led to the development of science and technology.	Space Explorations
SCI.8.3.2.1.b	Explain how science and technology have affected individuals, cultures, and societies throughout human history.	Outer Space
SCI.8.3.2.1.b	Explain how science and technology have affected individuals, cultures, and societies throughout human history.	Project: Marine Report
SCI.8.3.2.1.b	Explain how science and technology have affected individuals, cultures, and societies throughout human history.	Project: Reactors
SCI.8.3.2.1.b	Explain how science and technology have affected individuals, cultures, and societies throughout human history.	Space Explorations
SCI.8.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Outer Space
SCI.8.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Marine Report

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SCI.8.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Reactors
SCI.8.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Project: Volcanoes
SCI.8.3.2.2.a	Describe how scientific investigations and scientific research support technology (e.g., investigation into materials led to Gortex and Kevlar).	Space Explorations
SCI.8.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Other Types of Telescopes
SCI.8.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Marine Report
SCI.8.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Reactors
SCI.8.3.2.2.b	Describe how technology supports scientific investigations and research (e.g., microscopes led to the discovery of unicellular organisms).	Project: Volcanoes
SCI.8.3.2.2.c	Describe how a scientifically designed solution to a human problem can lead to new tools that generate further inquiry (e.g., microscopes, telescopes, and computers).	History of Astronomy
SCI.8.3.2.2.c	Describe how a scientifically designed solution to a human problem can lead to new tools that generate further inquiry (e.g., microscopes, telescopes, and computers).	Project: Telescopes
SCI.8.3.2.2.d	Compare the processes of scientific inquiry and scientific design in terms of activities, results, and/or influence on individuals and/or society.	Outer Space
SCI.8.3.2.2.d	Compare the processes of scientific inquiry and scientific design in terms of activities, results, and/or influence on individuals and/or society.	Project: Marine Report
SCI.8.3.2.2.d	Compare the processes of scientific inquiry and scientific design in terms of activities, results, and/or influence on individuals and/or society.	Project: Reactors
SCI.8.3.2.3.a	Examine scientific, mathematical, and technological knowledge and skills used in an occupation/career.	Other Types of Telescopes
SCI.8.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Other Types of Telescopes
SCI.8.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Marine Report
SCI.8.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Reactors
SCI.8.3.2.3.b	Research occupations/careers that require knowledge of science, mathematics, and technology.	Project: Volcanoes
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Agriculture and Waste
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Commercial Fishing
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	Other Natural Cycles
SCI.8.3.2.4.a	Discriminate between renewable and nonrenewable resources in an ecosystem.	The Water Cycle

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SCI.8.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Agriculture and Waste
SCI.8.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Commercial Fishing
SCI.8.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	Other Natural Cycles
SCI.8.3.2.4.b	Explain the effects that the conservation of natural resources has on the quality of life and the health of ecosystems.	The Water Cycle
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Agriculture and Waste
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Applications and Environmental Hazards
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Commercial Fishing
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Human Disruption
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Other Natural Cycles
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Project: Marine Report
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	Project: Reactors
SCI.8.3.2.4.c	Explain the effects of various human activities on the health of an ecosystem and/or the ability of organisms to survive in that ecosystem (e.g., consumption of natural resources; waste management; urban growth; land use decisions; pesticide, herbicide, or fertilizer use).	The Water Cycle
Standard:	Learning Standards	
Subject:	Science	

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Grade:		Grades: 6-8
Section	Description	Lesson Title
SCI.6-8.1.6-8 SYSB.1	Explain how the boundaries of a system can be drawn to fit the purpose of the study (e.g., to study how insect populations change, a system might be a forest, a meadow in the forest, or a single tree).	Project: Marine Report
SCI.6-8.1.6-8 SYSB.1	Explain how the boundaries of a system can be drawn to fit the purpose of the study (e.g., to study how insect populations change, a system might be a forest, a meadow in the forest, or a single tree).	Project: Reactors
SCI.6-8.1.6-8 SYSC.1	Give an example of how output of matter or energy from a system can become input for another system (e.g., household waste goes to a landfill).	Natural Cycles
SCI.6-8.1.6-8 SYSC.1	Give an example of how output of matter or energy from a system can become input for another system (e.g., household waste goes to a landfill).	Other Natural Cycles
SCI.6-8.1.6-8 SYSC.1	Give an example of how output of matter or energy from a system can become input for another system (e.g., household waste goes to a landfill).	The Water Cycle
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Agriculture and Waste
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	An Observational Science
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Earth Changes
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Erosion and Sediment
SCI.6-8.1.6-8 SYSE.1	Measure the flow of matter into and out of an open system and predict how the system is likely to change (e.g., a bottle of water with a hole in the bottom, an ecosystem, an electric circuit).	Other Natural Cycles
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Measurement
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Project: Marine Report
SCI.6-8.2.6-8 INQA.1	Generate a question that can be answered through scientific investigation. This may involve refining or refocusing a broad and ill-defined question.	Project: Reactors
SCI.6-8.2.6-8 INQB.2	Propose a hypothesis, give a reason for the hypothesis, and explain how the planned investigation will test the hypothesis.	Experiment: Mass of Gas
SCI.6-8.2.6-8 INQB.3	Work collaboratively with other students to carry out the investigations.	Project: Marine Report

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SCI.6-8.2.6-8 INQB.3	Work collaboratively with other students to carry out the investigations.	Project: Reactors
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Erosion and Sediment
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Graphs: Pictographs and Pie Charts
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Graphs: Uses, Bar, and Line
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Population
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Population and Environment
SCI.6-8.2.6-8 INQC.1	Communicate results using pictures, tables, charts, diagrams, graphic displays, and text that are clear, accurate, and informative.	Project: Making Graphs
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Erosion and Sediment
SCI.6-8.2.6-8 INQC.2	Recognize and interpret patterns - as well as variations from previously learned or observed patterns - in data, diagrams, symbols, and words.	Geography and Time (Part 2)
SCI.6-8.2.6-8 INQD.1	Plan and conduct a controlled experiment to test a hypothesis about a relationship between two variables. Determine which variables should be kept the same (controlled), which (independent) variable should be systematically manipulated, and which responding (dependent) variable is to be measured and recorded. Report any variables not controlled and explain how they might affect results.	Experiment: Mass of Gas
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	History of Oceanography
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Inner Space
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Project: The Moon and Tides
SCI.6-8.2.6-8 INQE.1	Create a model or simulation to represent the behavior of objects, events, systems, or processes. Use the model to explore the relationship between two variables and point out how the model or simulation is similar to or different from the actual phenomenon.	Submersible and Satellite Research

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SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Experiment: Determining Volume
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Experiment: Gravity
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Experiment: Mass of Gas
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Experiment: Specific Gravity
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Measurement
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Project: Marine Report
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Project: Reactors
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Project: The Moon and Tides
SCI.6-8.2.6-8 INQF.1	Generate a scientific conclusion from an investigation using inferential logic, and clearly distinguish between results (e.g., evidence) and conclusions (e.g., explanation).	Submersible and Satellite Research
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	Experiment: Determining Volume
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	Project: The Moon and Tides
SCI.6-8.2.6-8 INQF.2	Describe the differences between an objective summary of the findings and an inference made from the findings.	Submersible and Satellite Research
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Experiment: Determining Volume
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Experiment: Gravity

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SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Experiment: Mass of Gas
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Experiment: Specific Gravity
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Geology of the Ocean
SCI.6-8.2.6-8 INQG.1	Prepare a written report of an investigation by clearly describing the question being investigated, what was done, and an objective summary of results. The report should provide evidence to accept or reject the hypothesis, explain the relationship between two or more variables, and identify limitations of the investigation.	Plate Tectonics
SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Experiment: Gravity
SCI.6-8.2.6-8 INQH.1	Recognize flaws in scientific claims, such as uncontrolled variables, overgeneralizations from limited data, and experimenter bias.	Experiment: Specific Gravity
SCI.6-8.2.6-8 INQH.2	Listen actively and respectfully to research reports by other students. Critique their presentations respectfully, using logical argument and evidence.	Geology of the Ocean
SCI.6-8.2.6-8 INQH.2	Listen actively and respectfully to research reports by other students. Critique their presentations respectfully, using logical argument and evidence.	Plate Tectonics
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Agriculture and Waste
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Commercial Fishing
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Other Natural Cycles
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Project: Marine Report

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SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	Project: Reactors
SCI.6-8.2.6-8 INQI.1	Demonstrate ethical concerns and precautions in response to scenarios of scientific investigations involving animal experiments, research in natural ecosystems, and studies that involve human subjects.	The Water Cycle
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Measurement: Mass
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Measuring the Universe
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Other Types of Telescopes
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Outer Space
SCI.6-8.3.6-8 APPA.1	Describe how a technology has changed over time in response to societal challenges.	Radioactivity
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Marine Report
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Reactors
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: The Moon and Tides
SCI.6-8.3.6-8 APPD.2	Research how others solved similar problems.	Project: Volcanoes
SCI.6-8.3.6-8 APPF.2	Present the recommended design using models or drawings and an engaging presentation.	History of Oceanography
SCI.6-8.3.6-8 APPF.2	Present the recommended design using models or drawings and an engaging presentation.	Inner Space
SCI.6-8.3.6-8 APPG.1	Contrast the benefits of science and technology enjoyed by people in industrialized and developing nations.	Industry and Transportation
SCI.6-8.3.6-8 APPG.1	Contrast the benefits of science and technology enjoyed by people in industrialized and developing nations.	Other Types of Telescopes
SCI.6-8.3.6-8 APPH.1	Describe scientific or technological contributions to society by people in various cultures.	Outer Space
SCI.6-8.3.6-8 APPH.1	Describe scientific or technological contributions to society by people in various cultures.	Radioactivity
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Experiment: Gravity
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Experiment: Specific Gravity
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Measurement
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Measurement: Area
SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Measurement: Size and Distance

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SCI.6-8.4.6-8 PS1A.1	Measure the distance an object travels in a given interval of time and calculate the object's average speed, using $S = d/t$. (e.g., a battery-powered toy car travels 20 meters in 5 seconds, so its average speed is 4 meters per second).	Measurement: The Metric System
SCI.6-8.4.6-8 PS1A.2	Illustrate the motion of an object, using a graph, or infer the motion of an object from a graph of the object's position vs. time or speed vs. time.	Graphs: Pictographs and Pie Charts
SCI.6-8.4.6-8 PS1A.2	Illustrate the motion of an object, using a graph, or infer the motion of an object from a graph of the object's position vs. time or speed vs. time.	Graphs: Uses, Bar, and Line
SCI.6-8.4.6-8 PS1A.2	Illustrate the motion of an object, using a graph, or infer the motion of an object from a graph of the object's position vs. time or speed vs. time.	Project: Making Graphs
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Geology of the Ocean
SCI.6-8.4.6-8 PS1C.1	Determine whether forces on an object are balanced or unbalanced and justify with observational evidence.	Plate Tectonics
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Mass
SCI.6-8.4.6-8 PS1D.1	Given two different masses that receive the same unbalanced force, predict which will move more quickly.	Measurement: Mass
SCI.6-8.4.6-8 PS2A.1	Use characteristic intrinsic properties such as density, boiling point, and melting point to identify an unknown substance.	Density
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Project: The Moon and Tides
SCI.6-8.4.6-8 PS2B.2	Demonstrate that the properties of a compound are different from the properties of the reactants from which it was formed.	Submersible and Satellite Research
SCI.6-8.4.6-8 PS2C.1	Explain that all matter is made of atoms, and give examples of common elements-substances composed of just one kind of atom.	Atoms and Nuclear Energy
SCI.6-8.4.6-8 PS2D.1	Demonstrate with a labeled diagram and explain the relationship among atoms, molecules, elements, and compounds.	Erosion and Sediment
SCI.6-8.4.6-8 PS2E.1	Describe how solids, liquids, and gases behave when put into a container (e.g., a gas fills the entire volume of the container). Relate these properties to the relative movement of the particles in the three states of matter.	Experiment: Mass of Gas
SCI.6-8.4.6-8 PS2E.1	Describe how solids, liquids, and gases behave when put into a container (e.g., a gas fills the entire volume of the container). Relate these properties to the relative movement of the particles in the three states of matter.	Structure of Matter
SCI.6-8.4.6-8 PS2E.1	Describe how solids, liquids, and gases behave when put into a container (e.g., a gas fills the entire volume of the container). Relate these properties to the relative movement of the particles in the three states of matter.	Volume
SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Mass

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SCI.6-8.4.6-8 PS2F.1	Apply the concept of conservation of mass to correctly predict changes in mass before and after chemical reactions, including reactions that occur in closed containers, and reactions that occur in open containers where a gas is given off.	Measurement: Mass
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Nuclear Power
SCI.6-8.4.6-8 PS3A.2	Describe ways in which energy is transformed from one form to another and transferred from one place to another (e.g., chemical energy to electricity in a battery, electrical to light energy in a bulb).	Turbidity, Sedimentation, and Currents
SCI.6-8.4.6-8 PS3B.1	Use everyday examples of conduction, radiation, and convection, or mechanical mixing, to illustrate the transfer of heat energy from warmer objects to cooler ones until the objects reach the same temperature.	Nuclear Power
SCI.6-8.4.6-8 PS3D.1	Describe how to demonstrate that visible light from the Sun is made up of different colors.	Project: Telescopes
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Project: Telescopes
SCI.6-8.4.6-8 PS3E.1	Illustrate the transformations of energy in an electric circuit when heat, light, and sound are produced. Describe the transformation of energy in a battery within an electric circuit.	Turbidity, Sedimentation, and Currents
SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Project: The Moon and Tides
SCI.6-8.4.6-8 PS3F.1	Contrast a light wave with a sound wave by identifying that both have characteristic wavelengths, but light waves can travel through a vacuum while sound waves cannot.	Submersible and Satellite Research
SCI.6-8.4.6-8 ES1A.1	Use a physical model or diagram to explain how the Moon's changing position in its orbit results in the changing phases of the Moon as observed from Earth.	Project: The Moon and Tides
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Physical Properties of the Ocean
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Project: The Moon and Tides
SCI.6-8.4.6-8 ES1A.2	Explain how the cause of an eclipse of the Moon is different from the cause of the Moon's phases.	Submersible and Satellite Research
SCI.6-8.4.6-8 ES1B.1	Compare the relative sizes and distances of the Sun, Moon, Earth, other major planets, moons, asteroids, plutoids, and comets.	Project: The Moon and Tides
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Physical Properties of the Ocean
SCI.6-8.4.6-8 ES1C.1	Use a simple physical model or labeled drawing of the Earth-Sun-Moon system to explain day and night, phases of the Moon, and eclipses of the Moon and Sun.	Project: The Moon and Tides

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SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Astronomy and Measurement
SCI.6-8.4.6-8 ES1E.1	Construct a physical model or diagram showing Earth's position in the Solar System, the Solar System's position in the Milky Way, and the Milky Way among other galaxies.	Science and Space
SCI.6-8.4.6-8 ES2B.1	Connect the uneven heating of Earth's surface by the Sun to global wind and ocean currents.	Energy Sources
SCI.6-8.4.6-8 ES2B.1	Connect the uneven heating of Earth's surface by the Sun to global wind and ocean currents.	Turbidity, Sedimentation, and Currents
SCI.6-8.4.6-8 ES2B.2	Describe the role of the Sun in the water cycle.	The Water Cycle
SCI.6-8.4.6-8 ES2C.1	Describe the water cycle and give local examples of where parts of the water cycle can be seen.	The Water Cycle
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Project: The Moon and Tides
SCI.6-8.4.6-8 ES2D.1	Distinguish between bodies of saltwater and fresh water and explain how saltwater become salty.	Submersible and Satellite Research
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Erosion and Sediment
SCI.6-8.4.6-8 ES2E.1	Sketch and label the major layers of Earth, showing the approximate relative thicknesses and consistency of the crust, core, and mantle.	Internal Structures
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Erosion and Sediment
SCI.6-8.4.6-8 ES2F.1	Draw a labeled diagram showing how convection in the upper mantle drives movement of crustal plates.	Internal Structures
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Earth Changes
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Erosion and Sediment
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Mountains
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Oceans and Continents
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Project: Volcanoes
SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	The Earth's Surface

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SCI.6-8.4.6-8 ES2G.1	Explain how a given landform (e.g. mountain) has been shaped by processes that build up structures (e.g., uplift) and by processes that break down and carry away material (e.g., weathering and erosion).	Turbidity, Sedimentation, and Currents
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Earth Structures
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Igneous Structures
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Plate Tectonics
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Sedimentary Rock
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	The Earth's Surface
SCI.6-8.4.6-8 ES2H.1	Identify samples of igneous, sedimentary, and metamorphic rock from their properties and describe how their properties provide evidence of how they were formed.	Turbidity, Sedimentation, and Currents
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	An Observational Science
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Earth Changes
SCI.6-8.4.6-8 ES2H.2	Explain how one kind of rock could eventually become a different kind of rock.	Erosion and Sediment
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Earth Structures
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Measurement
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Measurement: Area
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Measurement: Size and Distance
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Measurement: The Metric System
SCI.6-8.4.6-8 ES3A.1	Describe Earth processes that we can observe and measure today (e.g., rate of sedimentation, movement of crustal plates, and changes in composition of the atmosphere) that provide clues to Earth's past.	Sedimentary Rock

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SCI.6-8.4.6-8 ES3B.1	Explain how the age of landforms can be estimated by studying the number and thickness of rock layers, as well as fossils found within rock layers.	Erosion and Sediment
SCI.6-8.4.6-8 ES3B.1	Explain how the age of landforms can be estimated by studying the number and thickness of rock layers, as well as fossils found within rock layers.	Geography and Time (Part 1)
SCI.6-8.4.6-8 ES3B.1	Explain how the age of landforms can be estimated by studying the number and thickness of rock layers, as well as fossils found within rock layers.	Project: Volcanoes
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	An Observational Science
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Earth Structures
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Experiment: Mass of Gas
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Plate Tectonics
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Sedimentary Rock
SCI.6-8.4.6-8 ES3C.1	Explain why younger layers of sedimentary rocks are usually on top of older layers, and hypothesize what geologic events could have caused huge blocks of horizontal sedimentary layers to be tipped or older rock layers to be on top of younger rock layers.	Turbidity, Sedimentation, and Currents
SCI.6-8.4.6-8 ES3D.1	Interpret current landforms of the Pacific Northwest as evidence of past geologic events (e.g., Mount St. Helens and Crater Lake provide evidence of volcanism, the Channeled Scablands provides evidence of floods that resulted from melting of glaciers).	Geography and Time (Part 2)
SCI.6-8.4.6-8 ES3E.1	List several ways that living organisms have shaped landforms (e.g., coral islands, limestone deposits, oil and coal deposits).	Erosion and Sediment
SCI.6-8.4.6-8 ES3E.1	List several ways that living organisms have shaped landforms (e.g., coral islands, limestone deposits, oil and coal deposits).	Project: Volcanoes
SCI.6-8.4.6-8 LS1A.1	Draw and describe observations made with a microscope showing that plants and animals are made of cells, and explain that cells are the fundamental unit of life.	Photosynthesis and Food

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SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Natural Cycles
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Other Natural Cycles
SCI.6-8.4.6-8 LS1A.2	Describe the functions performed by cells to sustain a living organism (e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs).	Photosynthesis and Food
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Project: The Moon and Tides
SCI.6-8.4.6-8 LS1D.1	Use labeled diagrams or models to illustrate similarities and differences between plant and animal cell structures and describe their functions (e.g., both have nuclei, cytoplasm, cell membranes, and mitochondria, while only plants have chloroplasts and cell walls).	Submersible and Satellite Research
SCI.6-8.4.6-8 LS1E.1	Use a classification key to identify organisms, noting use of both internal and external structures as well as behaviors.	Photosynthesis and Food
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Agriculture and Waste
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Balance and Disruption
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Commercial Fishing
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Other Natural Cycles
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Photosynthesis and Food
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Population
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	Population and Environment
SCI.6-8.4.6-8 LS2A.1	Explain that an ecosystem is a defined area that contains populations of organisms and nonliving factors.	The Water Cycle
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Agriculture and Waste
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Commercial Fishing
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	Other Natural Cycles
SCI.6-8.4.6-8 LS2A.2	Give examples of ecosystems (e.g., Olympic National Forest, Puget Sound, one square foot of lawn) and describe their boundaries and contents.	The Water Cycle

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SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Agriculture and Waste
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Balance and Disruption
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Commercial Fishing
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	Other Natural Cycles
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	The Biosphere
SCI.6-8.4.6-8 LS2B.1	Analyze the flow of energy in a local ecosystem, and draw a labeled food web showing the relationships among all of the ecosystem's plant and animal populations.	The Water Cycle
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Photosynthesis and Food
SCI.6-8.4.6-8 LS2C.1	Explain how energy from the Sun is transformed through photosynthesis to produce chemical energy in food.	Turbidity, Sedimentation, and Currents
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Photosynthesis and Food
SCI.6-8.4.6-8 LS2C.2	Explain that plants are the only organisms that make their own food. Animals cannot survive without plants because animals get food by eating plants or other animals that eat plants.	Population and Environment
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Agriculture and Waste
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Population
SCI.6-8.4.6-8 LS2D.1	Predict what may happen to an ecosystem if nonliving factors change (e.g., the amount of light, range of temperatures, or availability of water or habitat), or if one or more populations are removed from or added to the ecosystem.	Population and Environment
SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Applications and Environmental Hazards
SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Project: Marine Report

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SCI.6-8.4.6-8 LS2E.1	Investigate a local environmental issue by defining the problem, researching possible causative factors, understanding the underlying science, and evaluating the benefits and risks of alternative solutions.	Project: Reactors
SCI.6-8.4.6-8 LS2E.2	Identify resource uses that reduce the capacity of ecosystems to support various populations (e.g., use of pesticides, construction).	Population
SCI.6-8.4.6-8 LS2E.2	Identify resource uses that reduce the capacity of ecosystems to support various populations (e.g., use of pesticides, construction).	Population and Environment
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	Fossils
SCI.6-8.4.6-8 LS3A.1	Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today.	Population
SCI.6-8.4.6-8 LS3D.3	Explain the survival value of genetic variation.	Population and Environment
SCI.6-8.4.6-8 LS3E.1	Give an example of a plant or animal adaptation that would confer a survival and reproductive advantage during a given environmental change.	Agriculture and Waste
SCI.6-8.4.6-8 LS3E.1	Give an example of a plant or animal adaptation that would confer a survival and reproductive advantage during a given environmental change.	Population and Environment
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Agriculture and Waste
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Commercial Fishing
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	Other Natural Cycles
SCI.6-8.4.6-8 LS3F.1	Given an ecosystem, predict which organisms are most likely to disappear from that environment when the environment changes in specific ways.	The Water Cycle

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Washington - Science - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Science	
Grade:	Grade 9	
Section	Description	Lesson Title
SCI.9.1.2.1.b	Explain inputs, outputs, transfers, transformations, and feedback of matter, energy, and information in a system.	ENERGY TRANSFORMATIONS
SCI.9.1.2.1.b	Explain inputs, outputs, transfers, transformations, and feedback of matter, energy, and information in a system.	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9.1.2.2.b	Describe how a machine transfers work and transforms force and distance through a force-distance tradeoff (e.g., a small force acting over a long distance can be transformed to a large force acting over a short distance).	ENERGY TRANSFORMATIONS
SCI.9.1.2.2.b	Describe how a machine transfers work and transforms force and distance through a force-distance tradeoff (e.g., a small force acting over a long distance can be transformed to a large force acting over a short distance).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9.1.2.8.a	Analyze how human organ systems regulate growth, development, and life functions.	ORGANS AND ORGAN SYSTEMS
SCI.9.1.2.8.a	Analyze how human organ systems regulate growth, development, and life functions.	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.9.1.2.8.a	Analyze how human organ systems regulate growth, development, and life functions.	WHAT IS LIFE?
SCI.9.1.3.1.a	Describe how machines transform forces (e.g., a long lever allows a small downward input force to be transformed into a large upward output force).	ENERGY TRANSFORMATIONS
SCI.9.1.3.1.a	Describe how machines transform forces (e.g., a long lever allows a small downward input force to be transformed into a large upward output force).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	ENERGY TRANSFORMATIONS
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	ENERGY TRANSFORMATIONS
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	EXPERIMENT: STEM TRANSPORT
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	FUNGI KINGDOM
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	ORGANISMS AND THEIR ENVIRONMENT
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	PLANTAE KINGDOM

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SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	PROJECT: PLANT USAGE
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	PROTISTA KINGDOM: ALGAE
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	USES OF PLANTS
SCI.9.1.3.8.b	Describe how energy is transferred and transformed from the Sun to energy-rich molecules during photosynthesis.	ENERGY TRANSFORMATIONS
SCI.9.1.3.8.b	Describe how energy is transferred and transformed from the Sun to energy-rich molecules during photosynthesis.	EXPERIMENT: PHOTOSYNTHESIS REACTIONS
SCI.9.1.3.8.b	Describe how energy is transferred and transformed from the Sun to energy-rich molecules during photosynthesis.	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9.1.3.8.b	Describe how energy is transferred and transformed from the Sun to energy-rich molecules during photosynthesis.	PLANT NECESSITIES
SCI.9.1.3.8.c	Describe how individual cells break down energy-rich molecules to provide energy for cell functions.	CELL OVERVIEW
SCI.9.1.3.8.c	Describe how individual cells break down energy-rich molecules to provide energy for cell functions.	CELL REGULATION
SCI.9.1.3.8.c	Describe how individual cells break down energy-rich molecules to provide energy for cell functions.	CELL STRUCTURES AND FUNCTIONS
SCI.9.1.3.8.c	Describe how individual cells break down energy-rich molecules to provide energy for cell functions.	CELL THEORY
SCI.9.1.3.8.c	Describe how individual cells break down energy-rich molecules to provide energy for cell functions.	CELLULAR RESPIRATION
SCI.9.1.3.8.c	Describe how individual cells break down energy-rich molecules to provide energy for cell functions.	INTRODUCTION TO BIOLOGY
SCI.9.1.3.8.c	Describe how individual cells break down energy-rich molecules to provide energy for cell functions.	PROTISTA KINGDOM: THE PROTOZOA
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	ECOSYSTEMS AND BIOMES
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	ENERGY FLOW IN ECOSYSTEMS
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	ORGANISMS AND THEIR ENVIRONMENT
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	PROJECT: FOOD WEBS

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SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	PROJECT: PLANT AND ANIMAL CELLS
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	PROJECT: PLANT USAGE
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	USES OF PLANTS
SCI.9.1.3.10.b	Compare different ecosystems in terms of the cycling of matter and flow of energy.	ECOSYSTEMS AND BIOMES
SCI.9.1.3.10.b	Compare different ecosystems in terms of the cycling of matter and flow of energy.	ENERGY FLOW IN ECOSYSTEMS
SCI.9.1.3.10.b	Compare different ecosystems in terms of the cycling of matter and flow of energy.	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.9.1.3.10.b	Compare different ecosystems in terms of the cycling of matter and flow of energy.	PROJECT: FOOD WEBS
SCI.9.1.3.10.b	Compare different ecosystems in terms of the cycling of matter and flow of energy.	PROJECT: PLANT USAGE
SCI.9.1.3.10.b	Compare different ecosystems in terms of the cycling of matter and flow of energy.	USES OF PLANTS
SCI.9.1.3.10.d	Describe the living and nonliving factors that limit the size and affect the health of a population in an ecosystem.	ECOSYSTEMS AND BIOMES
SCI.9.1.3.10.d	Describe the living and nonliving factors that limit the size and affect the health of a population in an ecosystem.	ORGANISMS AND THEIR ENVIRONMENT
SCI.9.1.3.10.d	Describe the living and nonliving factors that limit the size and affect the health of a population in an ecosystem.	PROJECT: FOOD WEBS
SCI.9.1.3.10.d	Describe the living and nonliving factors that limit the size and affect the health of a population in an ecosystem.	THE STUDY OF ECOLOGY
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	SCIENTIFIC INQUIRY
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	SCIENTIFIC INQUIRY
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: BIODEGRADABILITY
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: CARBON DIOXIDE
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: CONES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: DIGESTING FATS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: FLOWER DISSECTION
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: HEART RATE

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SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: MEALWORM
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: MOLECULAR GENETICS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: PLANT GROWTH
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: SEED DISSECTION
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: STEM TRANSPORT
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ALGAE CULTURES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ANIMAL STUDY
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: BIOMES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: BUILDING DNA
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ETHICS IN BIOTECHNOLOGY
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: FOOD WEBS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: FRAGMENTATION
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: FUNGI CULTURES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: HABITATS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: HEART OF LUNG STUDY
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: KARYOTYPES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: LOCAL ECOSYSTEMS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: MORPHOLOGY
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: NATURAL SELECTION
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PATHOGENS - BACTERIA OR VIRUS?
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PLANT USAGE
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PROTOZOAN CULTURES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PUNNETT SQUARES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: REPRODUCTION RESEARCH

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SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: RESPIRATION IN MUSCLES
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: STEM CELL RESEARCH
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: STEWARDSHIP
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: SYMBIOSIS
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT; THE IMMUNE SYSTEM
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECTS: STAGES OF MITOSIS
SCI.9.2.1.2.b.3	controlled variables	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.3	controlled variables	THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.4	one manipulated variable	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.4	one manipulated variable	THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.5	responding (dependent) variable	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.5	responding (dependent) variable	THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.8	experimental control condition when appropriate	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.b.8	experimental control condition when appropriate	THE SCIENTIFIC METHOD
SCI.9.2.1.2.c.1	Identify multiple variables	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.c.1	Identify multiple variables	THE SCIENTIFIC METHOD
SCI.9.2.1.2.c.2	Select observable or measurable variables related to the investigative question	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.2.c.2	Select observable or measurable variables related to the investigative question	THE SCIENTIFIC METHOD
SCI.9.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	EXPERIMENT: MEALWORM
SCI.9.2.1.3.e	Explain the difference between evidence (data) and conclusions.	PROJECT: USING A MICROSCOPE
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: BIODEGRADABILITY
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: CARBON DIOXIDE
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: CONES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: DIGESTING FATS
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: FLOWER DISSECTION
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: HEART RATE
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: MEALWORM
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: MOLECULAR GENETICS

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SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: PLANT GROWTH
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: SEED DISSECTION
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: STEM TRANSPORT
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ALGAE CULTURES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ANIMAL STUDY
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: BIOMES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: BUILDING DNA
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ETHICS IN BIOTECHNOLOGY
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: FOOD WEBS
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: FRAGMENTATION
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: FUNGI CULTURES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: HABITATS
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: HEART OF LUNG STUDY
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: KARYOTYPES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: LOCAL ECOSYSTEMS
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: MORPHOLOGY
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: NATURAL SELECTION
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PATHOGENS - BACTERIA OR VIRUS?
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PLANT USAGE
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PROTOZOAN CULTURES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PUNNETT SQUARES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: REPRODUCTION RESEARCH
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: RESPIRATION IN MUSCLES
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: STEM CELL RESEARCH

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SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: STEWARDSHIP
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: SYMBIOSIS
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: TESTING PROBABILITY
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT; THE IMMUNE SYSTEM
SCI.9.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECTS: STAGES OF MITOSIS
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: BIODEGRADABILITY
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: CARBON DIOXIDE
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: CONES
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: DIGESTING FATS
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: ENZYME ACTION
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: FLOWER DISSECTION
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: HEART RATE
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: MEALWORM
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: MOLECULAR GENETICS
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: OSMOSIS
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: PLANT GROWTH
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: SEED DISSECTION
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: STATIC ELECTRICITY
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: STEM TRANSPORT
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: SUGAR AND STARCH
SCI.9.2.1.5.b.3	observations, data, results	EXPERIMENT: WATER PROPERTIES
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: ALGAE CULTURES
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: ANIMAL STUDY
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: BIOMES
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: BUILDING DNA
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: ETHICS IN BIOTECHNOLOGY
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: FOOD WEBS
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: FRAGMENTATION
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: FUNGI CULTURES
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: HABITATS
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: HEART OF LUNG STUDY
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: KARYOTYPES

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SCI.9.2.1.5.b.3	observations, data, results	PROJECT: LOCAL ECOSYSTEMS
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: MORPHOLOGY
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: NATURAL SELECTION
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: PATHOGENS - BACTERIA OR VIRUS?
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: PLANT USAGE
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: PROTOZOAN CULTURES
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: PUNNETT SQUARES
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: REPRODUCTION RESEARCH
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: RESPIRATION IN MUSCLES
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: STEM CELL RESEARCH
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: STEWARDSHIP
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: SYMBIOSIS
SCI.9.2.1.5.b.3	observations, data, results	PROJECT: TESTING PROBABILITY
SCI.9.2.1.5.b.3	observations, data, results	PROJECT; THE IMMUNE SYSTEM
SCI.9.2.1.5.b.3	observations, data, results	PROJECTS: STAGES OF MITOSIS
SCI.9.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	EXPERIMENT: MOLECULAR GENETICS
SCI.9.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	PROJECT: PLANT AND ANIMAL CELLS
SCI.9.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	PROJECT: STEM CELL RESEARCH
SCI.9.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	PROJECT: TESTING PROBABILITY
SCI.9.2.1.5.b.5	ramifications of investigations to concepts, principles, and theories	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.1.5.b.5	ramifications of investigations to concepts, principles, and theories	SCIENTIFIC INQUIRY
SCI.9.2.1.5.b.5	ramifications of investigations to concepts, principles, and theories	THE SCIENTIFIC METHOD
SCI.9.2.1.5.c	Describe the difference between an objective summary of data and an inference made from data.	EXPERIMENT: MOLECULAR GENETICS
SCI.9.2.1.5.c	Describe the difference between an objective summary of data and an inference made from data.	EXPERIMENT: PH INDICATORS
SCI.9.2.1.5.e	Critique a scientific report for completeness, accuracy, and objectivity.	PROJECT: STEM CELL RESEARCH
SCI.9.2.2.2.a	Describe how a theory logically explains a set of facts, principles, concepts and/or knowledge.	SCIENTIFIC INQUIRY
SCI.9.2.2.2.a	Describe how a theory logically explains a set of facts, principles, concepts and/or knowledge.	THE SCIENTIFIC METHOD
SCI.9.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	SCIENTIFIC INQUIRY
SCI.9.2.2.2.c	Explain how scientific theories are open to investigation and have the capacity to be modified.	SCIENTIFIC INQUIRY

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SCI.9.2.2.3.b	Explain whether sufficient data has been obtained to make an explanation or conclusion (e.g., reference previous and current research; incorporate scientific concepts, principles, and theories).	PROJECT: STEM CELL RESEARCH
SCI.9.2.2.4.a	Describe how the methods of an investigation ensured reliable results.	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.2.4.a	Describe how the methods of an investigation ensured reliable results.	THE SCIENTIFIC METHOD
SCI.9.2.2.4.c	Describe how the methods of an investigation ensured validity (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.2.4.c	Describe how the methods of an investigation ensured validity (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	THE SCIENTIFIC METHOD
SCI.9.2.2.4.d	Explain the purpose of the steps of an investigation in terms of the validity of the investigation.	PROJECT: THE SCIENTIFIC METHOD
SCI.9.2.2.4.d	Explain the purpose of the steps of an investigation in terms of the validity of the investigation.	THE SCIENTIFIC METHOD
SCI.9.2.2.5.a	Explain how existing ideas were synthesized from a long, rich history of scientific explanations and how technological advancements changed scientific theories.	SCIENTIFIC INQUIRY
SCI.9.2.2.5.b	Explain how scientific inquiry results in new facts, evidence, unexpected findings, ideas, explanations, and revisions to current theories.	SCIENTIFIC INQUIRY
SCI.9.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., perform a scientific investigation and collect data to establish the best materials to use in a solution to the problem).	PROJECT: STEWARDSHIP
SCI.9.3.1.2.a.2	scientifically gather information and collect empirical data	PROJECT: THE SCIENTIFIC METHOD
SCI.9.3.1.2.a.2	scientifically gather information and collect empirical data	THE SCIENTIFIC METHOD
SCI.9.3.1.2.a.7	document the scientific design process	PROJECT: THE SCIENTIFIC METHOD
SCI.9.3.1.2.a.7	document the scientific design process	THE SCIENTIFIC METHOD
SCI.9.3.2.3.a	Research and report on educational requirements associated with an occupation(s)/career(s) of interest.	INTRODUCTION TO BIOLOGY
SCI.9.3.2.4.a	Explain how the use of renewable and nonrenewable natural resources affects the sustainability of an ecosystem.	ECOSYSTEMS AND BIOMES
SCI.9.3.2.4.b	Explain how human activities affect Earth's capacity to sustain biological diversity (e.g., global warming, ozone depletion).	HUMAN INTERACTION
Grade:	Grade 10	
Section	Description	Lesson Title
SCI.10.1.1.1.c	Describe the properties of electrons, protons, and neutrons (i.e., electrons have negative charge and very little mass, protons have positive charge and much mass, neutrons have neutral charge and the same mass as protons).	ATOMS, ELEMENTS, AND COMPOUNDS

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SCI.10.1.1.1.c	Describe the properties of electrons, protons, and neutrons (i.e., electrons have negative charge and very little mass, protons have positive charge and much mass, neutrons have neutral charge and the same mass as protons).	LIFE CHEMISTRY
SCI.10.1.1.1.e	Explain the similar properties of elements in a vertical column (groups or families) of the periodic table.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	BACTERIA
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	CELL STRUCTURES AND FUNCTIONS
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	CELLS AND TISSUES
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	ENERGY TRANSFORMATIONS
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	LAWS OF THERMODYNAMICS
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	PROJECT: ENERGY LAWS
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	PROTISTA KINGDOM: THE PROTOZOA
SCI.10.1.2.2.a	Distinguish conditions likely to result in transfers or transformations of energy from one part of a system to another (e.g., a temperature difference may result in the flow of thermal energy from a hot area to a cold area).	ENERGY TRANSFORMATIONS
SCI.10.1.2.2.a	Distinguish conditions likely to result in transfers or transformations of energy from one part of a system to another (e.g., a temperature difference may result in the flow of thermal energy from a hot area to a cold area).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	ENERGY TRANSFORMATIONS
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.10.1.2.2.c	Explain the relationship between the motion of particles in a substance and the transfer or transformation of thermal and electrical energy (e.g., conduction of thermal and electrical energy as particles collide or interact, convection of thermal energy as groups of particles move from one place to another, and light waves transforming into thermal energy).	ENERGY TRANSFORMATIONS

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SCI.10.1.2.2.c	Explain the relationship between the motion of particles in a substance and the transfer or transformation of thermal and electrical energy (e.g., conduction of thermal and electrical energy as particles collide or interact, convection of thermal energy as groups of particles move from one place to another, and light waves transforming into thermal energy).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.10.1.2.3.a	Describe molecules forming a solution (e.g., salt added to water dissolves, forming a salt water solution, until saturation when no more salt will dissolve).	CHEMISTRY OF WATER
SCI.10.1.2.3.c	Describe the structure of atoms in terms of protons and neutrons forming the nucleus, which is surrounded by electrons (e.g., a helium atom usually has a nucleus formed by 2 protons and 2 neutrons, which is surrounded by 2 electrons).	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.10.1.2.3.c	Describe the structure of atoms in terms of protons and neutrons forming the nucleus, which is surrounded by electrons (e.g., a helium atom usually has a nucleus formed by 2 protons and 2 neutrons, which is surrounded by 2 electrons).	LIFE CHEMISTRY
SCI.10.1.2.3.d	Describe how atoms bond to form molecules in terms of transferring and/or sharing electrons (e.g., sodium atoms transfer an electron to chlorine atoms to form salt).	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.10.1.2.3.d	Describe how atoms bond to form molecules in terms of transferring and/or sharing electrons (e.g., sodium atoms transfer an electron to chlorine atoms to form salt).	CHEMICAL BONDS
SCI.10.1.2.3.d	Describe how atoms bond to form molecules in terms of transferring and/or sharing electrons (e.g., sodium atoms transfer an electron to chlorine atoms to form salt).	LIFE CHEMISTRY
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	ANIMALIA KINGDOM: CHORDATES AND VERTEBRATES
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	ANIMALS: BODY COMMUNICATION AND RESPONSE
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	CELL OVERVIEW
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	CELL REGULATION
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	CELL STRUCTURES AND FUNCTIONS

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SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	CELL THEORY
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	CELLS AND TISSUES
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	CELLULAR RESPIRATION
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	CONTROL SYSTEMS
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	EXPERIMENT: STEM TRANSPORT
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	HUMANS: ACQUISITION AND EXCRETION
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	PROJECT: ANIMAL STUDY
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	PROJECT: CHARACTERISTICS OF LIFE
SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	PROJECT: HOMEOSTASIS

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SCI.10.1.2.6.a	Describe cellular structures that allow cells to extract and use energy from food, eliminate wastes, and respond to the environment (e.g., every cell is covered by a membrane that controls what goes into and out of the cell).	THE PLASMA MEMBRANE
SCI.10.1.2.6.b	Describe how DNA molecules are long chains linking four kinds of smaller molecules, whose sequence encodes genetic information.	CARBON OF LIFE
SCI.10.1.2.6.b	Describe how DNA molecules are long chains linking four kinds of smaller molecules, whose sequence encodes genetic information.	DNA AND RNA
SCI.10.1.2.6.b	Describe how DNA molecules are long chains linking four kinds of smaller molecules, whose sequence encodes genetic information.	PROTEINS, ENZYMES, AND NUCLEIC ACIDS
SCI.10.1.2.6.c	Describe how genes (DNA segments) provide instructions for assembling protein molecules in cells.	CHROMOSOMES AND GENES
SCI.10.1.2.6.c	Describe how genes (DNA segments) provide instructions for assembling protein molecules in cells.	DNA AND RNA
SCI.10.1.2.6.d	Describe how proteins control life functions (e.g., the proteins myosin and actin interact to cause muscular contraction; the protein hemoglobin carries oxygen in some organisms).	ACIDS, BASES, AND PH
SCI.10.1.2.6.d	Describe how proteins control life functions (e.g., the proteins myosin and actin interact to cause muscular contraction; the protein hemoglobin carries oxygen in some organisms).	CARBOHYDRATES AND LIPIDS
SCI.10.1.2.6.d	Describe how proteins control life functions (e.g., the proteins myosin and actin interact to cause muscular contraction; the protein hemoglobin carries oxygen in some organisms).	CELL REGULATION
SCI.10.1.2.6.d	Describe how proteins control life functions (e.g., the proteins myosin and actin interact to cause muscular contraction; the protein hemoglobin carries oxygen in some organisms).	CELL STRUCTURES AND FUNCTIONS
SCI.10.1.2.6.d	Describe how proteins control life functions (e.g., the proteins myosin and actin interact to cause muscular contraction; the protein hemoglobin carries oxygen in some organisms).	CELLULAR RESPIRATION
SCI.10.1.2.6.d	Describe how proteins control life functions (e.g., the proteins myosin and actin interact to cause muscular contraction; the protein hemoglobin carries oxygen in some organisms).	PROTEINS, ENZYMES, AND NUCLEIC ACIDS
SCI.10.1.2.7.a	Describe the role of chromosomes in reproduction (i.e., parents pass on chromosomes, which contain genes, to their offspring).	ANIMALS: MOVEMENT, REPRODUCTION AND DEVELOPMENT
SCI.10.1.2.7.a	Describe the role of chromosomes in reproduction (i.e., parents pass on chromosomes, which contain genes, to their offspring).	CELL DIVISION: MEIOSIS
SCI.10.1.2.7.a	Describe the role of chromosomes in reproduction (i.e., parents pass on chromosomes, which contain genes, to their offspring).	CELL DIVISION: MITOSIS
SCI.10.1.2.7.a	Describe the role of chromosomes in reproduction (i.e., parents pass on chromosomes, which contain genes, to their offspring).	CHROMOSOMES AND GENES

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SCI.10.1.2.7.a	Describe the role of chromosomes in reproduction (i.e., parents pass on chromosomes, which contain genes, to their offspring).	FERTILIZATION
SCI.10.1.2.7.a	Describe the role of chromosomes in reproduction (i.e., parents pass on chromosomes, which contain genes, to their offspring).	PROJECTS: STAGES OF MITOSIS
SCI.10.1.2.7.b	Describe the possible results from mutation in DNA (e.g., only mutations in sex cells can be passed to offspring; mutations in other cells can only be passed to descendant cells).	CELL DIVISION: MEIOSIS
SCI.10.1.2.7.b	Describe the possible results from mutation in DNA (e.g., only mutations in sex cells can be passed to offspring; mutations in other cells can only be passed to descendant cells).	CHROMOSOMES AND GENES
SCI.10.1.2.7.b	Describe the possible results from mutation in DNA (e.g., only mutations in sex cells can be passed to offspring; mutations in other cells can only be passed to descendant cells).	DNA AND RNA
SCI.10.1.2.7.b	Describe the possible results from mutation in DNA (e.g., only mutations in sex cells can be passed to offspring; mutations in other cells can only be passed to descendant cells).	EVOLUTIONARY BASICS
SCI.10.1.2.7.c	Describe how organisms pass on genetic information via asexual life cycles (i.e., the replication of genes in asexual reproduction results in the same gene combinations in the offspring as those of the parent).	CELL DIVISION: MITOSIS
SCI.10.1.2.7.c	Describe how organisms pass on genetic information via asexual life cycles (i.e., the replication of genes in asexual reproduction results in the same gene combinations in the offspring as those of the parent).	EXPERIMENT: CONES
SCI.10.1.2.7.c	Describe how organisms pass on genetic information via asexual life cycles (i.e., the replication of genes in asexual reproduction results in the same gene combinations in the offspring as those of the parent).	FERTILIZATION
SCI.10.1.2.7.c	Describe how organisms pass on genetic information via asexual life cycles (i.e., the replication of genes in asexual reproduction results in the same gene combinations in the offspring as those of the parent).	PROJECT: REPRODUCTION RESEARCH
SCI.10.1.2.7.c	Describe how organisms pass on genetic information via asexual life cycles (i.e., the replication of genes in asexual reproduction results in the same gene combinations in the offspring as those of the parent).	PROJECTS: STAGES OF MITOSIS
SCI.10.1.2.7.c	Describe how organisms pass on genetic information via asexual life cycles (i.e., the replication of genes in asexual reproduction results in the same gene combinations in the offspring as those of the parent).	REPRODUCTION
SCI.10.1.2.7.c	Describe how organisms pass on genetic information via asexual life cycles (i.e., the replication of genes in asexual reproduction results in the same gene combinations in the offspring as those of the parent).	TYPES OF REPRODUCTION

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SCI.10.1.2.7.d	Describe how organisms pass on genetic information via sexual life cycles (i.e., the sorting and the recombination of genes in sexual reproduction results in a great variety of gene combinations and resultant variations in the offspring of any two parents).	CELL DIVISION: MEIOSIS
SCI.10.1.2.7.d	Describe how organisms pass on genetic information via sexual life cycles (i.e., the sorting and the recombination of genes in sexual reproduction results in a great variety of gene combinations and resultant variations in the offspring of any two parents).	FERTILIZATION
SCI.10.1.2.7.d	Describe how organisms pass on genetic information via sexual life cycles (i.e., the sorting and the recombination of genes in sexual reproduction results in a great variety of gene combinations and resultant variations in the offspring of any two parents).	HUMANS: MOVEMENT, REPRODUCTION, AND IMMUNITY
SCI.10.1.2.7.d	Describe how organisms pass on genetic information via sexual life cycles (i.e., the sorting and the recombination of genes in sexual reproduction results in a great variety of gene combinations and resultant variations in the offspring of any two parents).	PROJECT: REPRODUCTION RESEARCH
SCI.10.1.2.7.d	Describe how organisms pass on genetic information via sexual life cycles (i.e., the sorting and the recombination of genes in sexual reproduction results in a great variety of gene combinations and resultant variations in the offspring of any two parents).	REPRODUCTION
SCI.10.1.2.7.d	Describe how organisms pass on genetic information via sexual life cycles (i.e., the sorting and the recombination of genes in sexual reproduction results in a great variety of gene combinations and resultant variations in the offspring of any two parents).	TYPES OF REPRODUCTION
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	ANIMALS: BODY COMMUNICATION AND RESPONSE
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	ANIMALS: MOVEMENT, REPRODUCTION AND DEVELOPMENT
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	HUMANS: ACQUISITION AND EXCRETION
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	HUMANS: BODY COMMUNICATION AND RESPONSE
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	HUMANS: MOVEMENT, REPRODUCTION, AND IMMUNITY
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	ORGANS AND ORGAN SYSTEMS
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	PROJECT; THE IMMUNE SYSTEM

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SCI.10.1.2.8.b	Describe how the human body maintains relatively constant internal conditions (e.g., temperature, acidity, and blood sugar).	HUMANS: ACQUISITION AND EXCRETION
SCI.10.1.2.8.b	Describe how the human body maintains relatively constant internal conditions (e.g., temperature, acidity, and blood sugar).	HUMANS: BODY COMMUNICATION AND RESPONSE
SCI.10.1.2.8.b	Describe how the human body maintains relatively constant internal conditions (e.g., temperature, acidity, and blood sugar).	PROJECT: HOMEOSTASIS
SCI.10.1.2.8.c	Explain how human organ systems help maintain human health.	HUMANS: ACQUISITION AND EXCRETION
SCI.10.1.2.8.c	Explain how human organ systems help maintain human health.	HUMANS: BODY COMMUNICATION AND RESPONSE
SCI.10.1.2.8.c	Explain how human organ systems help maintain human health.	HUMANS: MOVEMENT, REPRODUCTION, AND IMMUNITY
SCI.10.1.2.8.c	Explain how human organ systems help maintain human health.	ORGANS AND ORGAN SYSTEMS
SCI.10.1.2.8.c	Explain how human organ systems help maintain human health.	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.10.1.2.8.d	Describe the role of human organ systems during human growth and development.	ORGANS AND ORGAN SYSTEMS
SCI.10.1.2.8.d	Describe the role of human organ systems during human growth and development.	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.10.1.3.9.a	Describe the factors that drive natural selection (i.e., overproduction of offspring, genetic variability of offspring, finite supply of resources, competition for resources, and differential survival).	ANIMAL BEHAVIOR AND INTERDEPENDENCIES
SCI.10.1.3.9.a	Describe the factors that drive natural selection (i.e., overproduction of offspring, genetic variability of offspring, finite supply of resources, competition for resources, and differential survival).	EVOLUTIONARY BASICS
SCI.10.1.3.9.a	Describe the factors that drive natural selection (i.e., overproduction of offspring, genetic variability of offspring, finite supply of resources, competition for resources, and differential survival).	PATTERNS OF EVOLUTION
SCI.10.1.3.9.a	Describe the factors that drive natural selection (i.e., overproduction of offspring, genetic variability of offspring, finite supply of resources, competition for resources, and differential survival).	PROJECT: NATURAL SELECTION
SCI.10.1.3.9.a	Describe the factors that drive natural selection (i.e., overproduction of offspring, genetic variability of offspring, finite supply of resources, competition for resources, and differential survival).	PROJECT: SYMBIOSIS
SCI.10.1.3.9.a	Describe the factors that drive natural selection (i.e., overproduction of offspring, genetic variability of offspring, finite supply of resources, competition for resources, and differential survival).	THE STUDY OF ANIMAL BEHAVIOR
SCI.10.1.3.9.b	Explain how natural selection and adaptation lead to organisms well suited for survival in particular environments.	ANIMAL BEHAVIOR AND INTERDEPENDENCIES
SCI.10.1.3.9.b	Explain how natural selection and adaptation lead to organisms well suited for survival in particular environments.	PROJECT: HABITATS

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SCI.10.1.3.9.b	Explain how natural selection and adaptation lead to organisms well suited for survival in particular environments.	PROJECT: NATURAL SELECTION
SCI.10.1.3.9.b	Explain how natural selection and adaptation lead to organisms well suited for survival in particular environments.	PROJECT: SYMBIOSIS
SCI.10.1.3.9.b	Explain how natural selection and adaptation lead to organisms well suited for survival in particular environments.	THE STUDY OF ANIMAL BEHAVIOR
SCI.10.1.3.9.b	Explain how natural selection and adaptation lead to organisms well suited for survival in particular environments.	WHAT IS LIFE?
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	ANIMALIA KINGDOM: INVERTEBRATES
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	ANIMALIA KINGDOM: CHORDATES AND VERTEBRATES
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	ANIMALS: BODY PLANS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	ARCHAEA AND EUBACTERIA KINGDOMS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	ENERGY TRANSFORMATIONS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	EVOLUTIONARY BASICS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	INTRODUCTION TO TAXONOMY
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	KEYS TO CLASSIFICATION
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	LAWS OF THERMODYNAMICS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	PROJECT: CLASSIFYING FRUIT

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SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	PROJECT: ENERGY LAWS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	PROJECT: KEYING ANIMALS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	PROJECT: KEYING PLANTS
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.10.1.3.9.c	Examine or characterize the degree of evolutionary relationship between organisms based on biochemical, genetic, anatomical, or fossil record similarities and differences.	TAXONOMY: CLASSIFICATION AND NAMING
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	SCIENTIFIC INQUIRY
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	SCIENTIFIC INQUIRY
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: BIODEGRADABILITY
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: CARBON DIOXIDE
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: CONES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: DIGESTING FATS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: FLOWER DISSECTION
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: HEART RATE
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: MEALWORM
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: MOLECULAR GENETICS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: PLANT GROWTH
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: SEED DISSECTION
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	EXPERIMENT: STEM TRANSPORT
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ALGAE CULTURES

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SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ANIMAL STUDY
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: BIOMES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: BUILDING DNA
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: ETHICS IN BIOTECHNOLOGY
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: FOOD WEBS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: FRAGMENTATION
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: FUNGI CULTURES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: HABITATS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: HEART OF LUNG STUDY
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: KARYOTYPES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: LOCAL ECOSYSTEMS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: MORPHOLOGY
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: NATURAL SELECTION
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PATHOGENS - BACTERIA OR VIRUS?
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PLANT USAGE
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PROTOZOAN CULTURES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: PUNNETT SQUARES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: REPRODUCTION RESEARCH
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: RESPIRATION IN MUSCLES
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: STEM CELL RESEARCH
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: STEWARDSHIP
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT: SYMBIOSIS
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECT; THE IMMUNE SYSTEM
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	PROJECTS: STAGES OF MITOSIS

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SCI.10.2.1.2.b.3	controlled variables	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.3	controlled variables	THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.4	one manipulated variable	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.4	one manipulated variable	THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.5	responding (dependent) variable	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.5	responding (dependent) variable	THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.8	experimental control condition when appropriate	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.b.8	experimental control condition when appropriate	THE SCIENTIFIC METHOD
SCI.10.2.1.2.c.1	Identify multiple variables	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.c.1	Identify multiple variables	THE SCIENTIFIC METHOD
SCI.10.2.1.2.c.2	Select observable or measurable variables related to the investigative question	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.2.c.2	Select observable or measurable variables related to the investigative question	THE SCIENTIFIC METHOD
SCI.10.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	EXPERIMENT: MEALWORM
SCI.10.2.1.3.e	Explain the difference between evidence (data) and conclusions.	PROJECT: USING A MICROSCOPE
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: BIODEGRADABILITY
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: CARBON DIOXIDE
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: CONES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: DIGESTING FATS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: FLOWER DISSECTION
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: HEART RATE
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: MEALWORM
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: MOLECULAR GENETICS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: PLANT GROWTH
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: SEED DISSECTION
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	EXPERIMENT: STEM TRANSPORT
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ALGAE CULTURES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ANIMAL STUDY

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SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: BIOMES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: BUILDING DNA
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: ETHICS IN BIOTECHNOLOGY
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: FOOD WEBS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: FRAGMENTATION
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: FUNGI CULTURES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: HABITATS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: HEART OF LUNG STUDY
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: KARYOTYPES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: LOCAL ECOSYSTEMS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: MORPHOLOGY
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: NATURAL SELECTION
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PATHOGENS - BACTERIA OR VIRUS?
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PLANT USAGE
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PROTOZOAN CULTURES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: PUNNETT SQUARES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: REPRODUCTION RESEARCH
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: RESPIRATION IN MUSCLES
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: STEM CELL RESEARCH
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: STEWARDSHIP
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: SYMBIOSIS
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT: TESTING PROBABILITY
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECT; THE IMMUNE SYSTEM
SCI.10.2.1.5.a	Report observations of scientific investigations without making inferences.	PROJECTS: STAGES OF MITOSIS
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: ANIMAL CELLS AND TISSUES

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SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: BIODEGRADABILITY
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: CARBON DIOXIDE
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: CONES
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: DIGESTING FATS
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: ENZYME ACTION
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: FLOWER DISSECTION
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: HEART RATE
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: MEALWORM
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: MOLECULAR GENETICS
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: OSMOSIS
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: PLANT GROWTH
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: SEED DISSECTION
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: STATIC ELECTRICITY
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: STEM TRANSPORT
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: SUGAR AND STARCH
SCI.10.2.1.5.b.3	observations, data, results	EXPERIMENT: WATER PROPERTIES
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: ALGAE CULTURES
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: ANIMAL STUDY
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: BIOMES
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: BUILDING DNA
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: ENERGY FLOW IN ECOSYSTEMS
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: ETHICS IN BIOTECHNOLOGY
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: FOOD WEBS
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: FRAGMENTATION
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: FUNGI CULTURES
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: HABITATS
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: HEART OF LUNG STUDY
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: KARYOTYPES
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: LOCAL ECOSYSTEMS
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: MORPHOLOGY
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: NATURAL SELECTION
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: PATHOGENS - BACTERIA OR VIRUS?
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: PLANT USAGE
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: PROTOZOAN CULTURES
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: PUNNETT SQUARES

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SCI.10.2.1.5.b.3	observations, data, results	PROJECT: REPRODUCTION RESEARCH
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: RESPIRATION IN MUSCLES
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: STEM CELL RESEARCH
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: STEWARDSHIP
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: SYMBIOSIS
SCI.10.2.1.5.b.3	observations, data, results	PROJECT: TESTING PROBABILITY
SCI.10.2.1.5.b.3	observations, data, results	PROJECT; THE IMMUNE SYSTEM
SCI.10.2.1.5.b.3	observations, data, results	PROJECTS: STAGES OF MITOSIS
SCI.10.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	EXPERIMENT: MOLECULAR GENETICS
SCI.10.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	PROJECT: PLANT AND ANIMAL CELLS
SCI.10.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	PROJECT: STEM CELL RESEARCH
SCI.10.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	PROJECT: TESTING PROBABILITY
SCI.10.2.1.5.b.5	ramifications of investigations to concepts, principles, and theories	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.1.5.b.5	ramifications of investigations to concepts, principles, and theories	SCIENTIFIC INQUIRY
SCI.10.2.1.5.b.5	ramifications of investigations to concepts, principles, and theories	THE SCIENTIFIC METHOD
SCI.10.2.1.5.e	Critique a scientific report for completeness, accuracy, and objectivity.	PROJECT: STEM CELL RESEARCH
SCI.10.2.2.2.a	Describe how a theory logically explains a set of facts, principles, concepts and/or knowledge.	SCIENTIFIC INQUIRY
SCI.10.2.2.2.a	Describe how a theory logically explains a set of facts, principles, concepts and/or knowledge.	THE SCIENTIFIC METHOD
SCI.10.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	SCIENTIFIC INQUIRY
SCI.10.2.2.2.c	Explain how scientific theories are open to investigation and have the capacity to be modified.	SCIENTIFIC INQUIRY
SCI.10.2.2.3.b	Explain whether sufficient data has been obtained to make an explanation or conclusion (e.g., reference previous and current research; incorporate scientific concepts, principles, and theories).	PROJECT: STEM CELL RESEARCH
SCI.10.2.2.4.a	Describe how the methods of an investigation ensured reliable results.	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.2.4.a	Describe how the methods of an investigation ensured reliable results.	THE SCIENTIFIC METHOD
SCI.10.2.2.4.c	Describe how the methods of an investigation ensured validity (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	PROJECT: THE SCIENTIFIC METHOD

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SCI.10.2.2.4.c	Describe how the methods of an investigation ensured validity (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	THE SCIENTIFIC METHOD
SCI.10.2.2.4.d	Explain the purpose of the steps of an investigation in terms of the validity of the investigation.	PROJECT: THE SCIENTIFIC METHOD
SCI.10.2.2.4.d	Explain the purpose of the steps of an investigation in terms of the validity of the investigation.	THE SCIENTIFIC METHOD
SCI.10.2.2.5.a	Explain how scientific inquiry results in new facts, evidence, unexpected findings, ideas, explanations, and revisions to current theories.	SCIENTIFIC INQUIRY
SCI.10.3.1.1.c	Explain how to scientifically gather information to develop a solution (e.g., perform a scientific investigation and collect data to establish the best materials to use in a solution to the problem).	PROJECT: STEWARDSHIP
SCI.10.3.1.2.a.2	scientifically gather information and collect empirical data	PROJECT: THE SCIENTIFIC METHOD
SCI.10.3.1.2.a.2	scientifically gather information and collect empirical data	THE SCIENTIFIC METHOD
SCI.10.3.1.2.a.7	document the scientific design process	EXPERIMENT: PH INDICATORS
SCI.10.3.1.2.a.7	document the scientific design process	PROJECT: THE SCIENTIFIC METHOD
SCI.10.3.1.2.a.7	document the scientific design process	THE SCIENTIFIC METHOD
SCI.10.3.2.2.d	Compare advantages and/or disadvantages of using new technology or science in terms of ethics, politics, and environmental considerations.	BIOTECHNOLOGY
SCI.10.3.2.2.d	Compare advantages and/or disadvantages of using new technology or science in terms of ethics, politics, and environmental considerations.	PROJECT: ETHICS IN BIOTECHNOLOGY
SCI.10.3.2.3.b	Examine the scientific, mathematical, and technological knowledge, training, and experience needed for occupational/career areas of interest.	INTRODUCTION TO BIOLOGY
SCI.10.3.2.4.a	Explain how the use of renewable and nonrenewable natural resources affects the sustainability of an ecosystem.	ECOSYSTEMS AND BIOMES
SCI.10.3.2.4.b	Explain how human activities affect Earth's capacity to sustain biological diversity (e.g., global warming, ozone depletion).	HUMAN INTERACTION
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 9-12	
Section	Description	Lesson Title
SCI.9-12.2.9-12 INQA.1	Generate and evaluate a question that can be answered through a scientific investigation. Critique questions generated by others and explain whether or not the questions are scientific.	SCIENTIFIC INQUIRY
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	SCIENTIFIC INQUIRY
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	PROJECT: USING A MICROSCOPE

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SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	PROJECT: THE SCIENTIFIC METHOD
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	SCIENTIFIC INQUIRY
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	PROJECT: THE SCIENTIFIC METHOD
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	SCIENTIFIC INQUIRY
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	THE SCIENTIFIC METHOD
SCI.9-12.2.9-12 INQF.2	Describe the development of a scientific theory that illustrates logical reasoning, creativity, testing, revision, and replacement of prior ideas in light of new evidence.	SCIENTIFIC INQUIRY
SCI.9-12.2.9-12 INQG.2	Respond to questions and criticisms, and if appropriate, revise explanations based on these discussions.	PROJECT: STEM CELL RESEARCH
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	LIFE CHEMISTRY
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	LIFE CHEMISTRY
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 PS2E.1	Give examples to illustrate that molecules are groups of two or more atoms bonded together (e.g., a molecule of water is formed when one oxygen atom shares electrons with two hydrogen atoms).	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 PS2E.1	Give examples to illustrate that molecules are groups of two or more atoms bonded together (e.g., a molecule of water is formed when one oxygen atom shares electrons with two hydrogen atoms).	LIFE CHEMISTRY
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	ATOMS, ELEMENTS, AND COMPOUNDS

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SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	CARBON OF LIFE
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	CELLS AND TISSUES
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	CELLS AND TISSUES
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	EXPERIMENT: PHOTOSYNTHESIS REACTIONS
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	GROWTH AND DEVELOPMENT
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	PLANT NECESSITIES
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	PLANTAE KINGDOM
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	EXPERIMENT: PHOTOSYNTHESIS REACTIONS
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	PLANT NECESSITIES
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	ATOMS, ELEMENTS, AND COMPOUNDS

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SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	CHEMICAL REACTIONS
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	ACIDS, BASES, AND PH
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	EXPERIMENT: PH INDICATORS
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	ENERGY TRANSFORMATIONS
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	ENERGY TRANSFORMATIONS
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	CARBON OF LIFE
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	CELLS AND TISSUES
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	CELLS AND TISSUES
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	GROWTH AND DEVELOPMENT
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	ORGANS AND ORGAN SYSTEMS

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SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	PROJECT: ANIMAL ORGAN SYSTEMS
SCI.9-12.4.9-11 ES2D.2	Explain how human use of natural resources stress natural processes and link that use to a possible long term consequence.	HUMAN INTERACTION
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	EXPERIMENT: PHOTOSYNTHESIS REACTIONS
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	CELLS AND TISSUES
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	EXPERIMENT: PHOTOSYNTHESIS REACTIONS
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	GROWTH AND DEVELOPMENT
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	ORGANS
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	PLANT NECESSITIES
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	PROJECT: PLANT AND ANIMAL CELLS
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9-12.4.9-11 LS1A.1	Explain how plant cells use photosynthesis to produce their own food. Use the following equation to illustrate how plants rearrange atoms during photosynthesis: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$	REPRODUCTION
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	CELLS AND TISSUES
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	EXPERIMENT: CARBON DIOXIDE
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	EXPERIMENT: CONES
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	EXPERIMENT: PHOTOSYNTHESIS REACTIONS

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SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	GROWTH AND DEVELOPMENT
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	HISTORY AND DIVERSITY
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	ORGANS
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	PLANT NECESSITIES
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	PLANTAE KINGDOM
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	PROJECT: PLANT USAGE
SCI.9-12.4.9-11 LS1A.2	Explain the importance of photosynthesis for both plants and animals, including humans.	USES OF PLANTS
SCI.9-12.4.9-11 LS1B.1	Explain how the process of cellular respiration is similar to the burning of fossil fuels (e.g., both processes involve combustion of carbon-containing compounds to transform chemical energy to a different form of energy).	CARBON OF LIFE
SCI.9-12.4.9-11 LS1B.1	Explain how the process of cellular respiration is similar to the burning of fossil fuels (e.g., both processes involve combustion of carbon-containing compounds to transform chemical energy to a different form of energy).	ENERGY TRANSFORMATIONS
SCI.9-12.4.9-11 LS1B.1	Explain how the process of cellular respiration is similar to the burning of fossil fuels (e.g., both processes involve combustion of carbon-containing compounds to transform chemical energy to a different form of energy).	PHOTOSYNTHESIS: ENERGY PRODUCTION IN PLANTS
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	ARCHAEA AND EUBACTERIA KINGDOMS
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	CELL OVERVIEW
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	CELL REGULATION
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	CELL THEORY
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	CHROMOSOMES AND GENES

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SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	PROJECT: CHARACTERISTICS OF LIFE
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	PROJECT: HOMEOSTASIS
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	THE PLASMA MEMBRANE
SCI.9-12.4.9-11 LS1C.1	Draw, label, and describe the functions of components of essential structures within cells (e.g., cellular membrane, nucleus, chromosome, chloroplast, mitochondrion, ribosome)	WHAT IS LIFE?
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	CELL OVERVIEW
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	CELL REGULATION
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	CELL THEORY
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	CELLULAR RESPIRATION
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	CONTROL SYSTEMS
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	INTRODUCTION TO BIOLOGY
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	PROJECT: HOMEOSTASIS
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	THE PLASMA MEMBRANE
SCI.9-12.4.9-11 LS1D.1	Describe the structure of the cell membrane and how the membrane regulates the flow of materials into and out of the cell.	WHAT IS LIFE?
SCI.9-12.4.9-11 LS1E.1	Describe how DNA molecules are long chains linking four subunits (smaller molecules) whose sequence encodes genetic information.	DNA AND RNA

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SCI.9-12.4.9-11 LS1E.2	Illustrate the process by which gene sequences are copied to produce proteins.	CHROMOSOMES AND GENES
SCI.9-12.4.9-11 LS1E.2	Illustrate the process by which gene sequences are copied to produce proteins.	DNA AND RNA
SCI.9-12.4.9-11 LS1F.1	Explain how cells break down food molecules and use the constituents to synthesize proteins, sugars, fats, DNA and many other molecules that cells require.	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1F.1	Explain how cells break down food molecules and use the constituents to synthesize proteins, sugars, fats, DNA and many other molecules that cells require.	CELLS AND TISSUES
SCI.9-12.4.9-11 LS1F.1	Explain how cells break down food molecules and use the constituents to synthesize proteins, sugars, fats, DNA and many other molecules that cells require.	DNA AND RNA
SCI.9-12.4.9-11 LS1F.1	Explain how cells break down food molecules and use the constituents to synthesize proteins, sugars, fats, DNA and many other molecules that cells require.	EXPERIMENT: ANIMAL CELLS AND TISSUES
SCI.9-12.4.9-11 LS1F.1	Explain how cells break down food molecules and use the constituents to synthesize proteins, sugars, fats, DNA and many other molecules that cells require.	HUMANS: ACQUISITION AND EXCRETION
SCI.9-12.4.9-11 LS1F.2	Describe the role that enzymes play in the breakdown of food molecules and synthesis of the many different molecules needed for cell structure and function.	ACIDS, BASES, AND PH
SCI.9-12.4.9-11 LS1F.2	Describe the role that enzymes play in the breakdown of food molecules and synthesis of the many different molecules needed for cell structure and function.	CARBOHYDRATES AND LIPIDS
SCI.9-12.4.9-11 LS1F.2	Describe the role that enzymes play in the breakdown of food molecules and synthesis of the many different molecules needed for cell structure and function.	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1F.2	Describe the role that enzymes play in the breakdown of food molecules and synthesis of the many different molecules needed for cell structure and function.	HUMANS: ACQUISITION AND EXCRETION
SCI.9-12.4.9-11 LS1F.2	Describe the role that enzymes play in the breakdown of food molecules and synthesis of the many different molecules needed for cell structure and function.	PROTEINS, ENZYMES, AND NUCLEIC ACIDS
SCI.9-12.4.9-11 LS1F.3	Explain how cells extract and store energy from food molecules.	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1F.3	Explain how cells extract and store energy from food molecules.	INTRODUCTION TO BIOLOGY
SCI.9-12.4.9-11 LS1G.1	Explain that regulation of cell functions can occur by changing the activity of proteins within cells and/or by changing whether and how much particular genes are expressed.	CELL DIFFERENTIATION
SCI.9-12.4.9-11 LS1G.1	Explain that regulation of cell functions can occur by changing the activity of proteins within cells and/or by changing whether and how much particular genes are expressed.	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	CELL CYCLE AND REGULATION
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	CELL DIVISION: FISSION

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SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	CELL DIVISION: MITOSIS
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	CHROMOSOMES AND GENES
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	FERTILIZATION
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	GROWTH AND DEVELOPMENT
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	PROJECTS: STAGES OF MITOSIS
SCI.9-12.4.9-11 LS1H.1	Describe and model the process of mitosis, in which one cell divides, producing two cells, each with copies of both chromosomes from each pair in the original cell.	TYPES OF REPRODUCTION
SCI.9-12.4.9-11 LS1I.1	Describe and model the process of meiosis in which egg and sperm cells are formed with only one set of chromosomes from each parent.	CELL DIVISION: MEIOSIS
SCI.9-12.4.9-11 LS1I.1	Describe and model the process of meiosis in which egg and sperm cells are formed with only one set of chromosomes from each parent.	CELL STRUCTURES AND FUNCTIONS
SCI.9-12.4.9-11 LS1I.1	Describe and model the process of meiosis in which egg and sperm cells are formed with only one set of chromosomes from each parent.	CHROMOSOMES AND GENES
SCI.9-12.4.9-11 LS1I.1	Describe and model the process of meiosis in which egg and sperm cells are formed with only one set of chromosomes from each parent.	FERTILIZATION
SCI.9-12.4.9-11 LS1I.1	Describe and model the process of meiosis in which egg and sperm cells are formed with only one set of chromosomes from each parent.	TYPES OF REPRODUCTION
SCI.9-12.4.9-11 LS1I.3	Describe the process of fertilization that restores the original chromosome number while reshuffling the genetic information, allowing for variation among offspring.	CELL DIVISION: MEIOSIS
SCI.9-12.4.9-11 LS1I.3	Describe the process of fertilization that restores the original chromosome number while reshuffling the genetic information, allowing for variation among offspring.	EXPERIMENT: SEED DISSECTION
SCI.9-12.4.9-11 LS1I.3	Describe the process of fertilization that restores the original chromosome number while reshuffling the genetic information, allowing for variation among offspring.	FERTILIZATION
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	INHERITANCE
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	MENDELIAN GENETICS
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	PROBABILITY
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	PROJECT: PUNNETT SQUARES

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SCI.9-12.4.9-11 LS2A.1	Explain how plants and animals cycle carbon and nitrogen within an ecosystem.	ECOSYSTEMS AND BIOMES
SCI.9-12.4.9-11 LS2A.1	Explain how plants and animals cycle carbon and nitrogen within an ecosystem.	EXPERIMENT: PHOTOSYNTHESIS REACTIONS
SCI.9-12.4.9-11 LS2A.1	Explain how plants and animals cycle carbon and nitrogen within an ecosystem.	PLANT NECESSITIES
SCI.9-12.4.9-11 LS2A.1	Explain how plants and animals cycle carbon and nitrogen within an ecosystem.	PLANTAE KINGDOM
SCI.9-12.4.9-11 LS2A.1	Explain how plants and animals cycle carbon and nitrogen within an ecosystem.	PROJECT: LOCAL ECOSYSTEMS
SCI.9-12.4.9-11 LS2A.1	Explain how plants and animals cycle carbon and nitrogen within an ecosystem.	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9-12.4.9-11 LS2A.2	Explain how matter cycles and energy flows in ecosystems, resulting in the formation of differing chemical compounds and heat.	ATOMS, ELEMENTS, AND COMPOUNDS
SCI.9-12.4.9-11 LS2A.2	Explain how matter cycles and energy flows in ecosystems, resulting in the formation of differing chemical compounds and heat.	ECOSYSTEMS AND BIOMES
SCI.9-12.4.9-11 LS2A.2	Explain how matter cycles and energy flows in ecosystems, resulting in the formation of differing chemical compounds and heat.	PROJECT: LOCAL ECOSYSTEMS
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	GROWTH AND DEVELOPMENT
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	ECOSYSTEMS AND BIOMES
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	ORGANISMS AND THEIR ENVIRONMENT
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	PROJECT: LOCAL ECOSYSTEMS
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	ECOSYSTEMS AND BIOMES
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	EXPERIMENT: PHOTOSYNTHESIS REACTIONS
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	GROWTH AND DEVELOPMENT
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	PLANTAE KINGDOM
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	PROJECT: LOCAL ECOSYSTEMS
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9-12.4.9-11 LS2E.1	Compare the biodiversity of organisms in different types of ecosystems (e.g., rain forest, grassland, desert) noting the interdependencies and interrelationships among the organisms in these different ecosystems.	ECOSYSTEMS AND BIOMES

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SCI.9-12.4.9-11 LS2E.1	Compare the biodiversity of organisms in different types of ecosystems (e.g., rain forest, grassland, desert) noting the interdependencies and interrelationships among the organisms in these different ecosystems.	PROJECT: LOCAL ECOSYSTEMS
SCI.9-12.4.9-11 LS2E.1	Compare the biodiversity of organisms in different types of ecosystems (e.g., rain forest, grassland, desert) noting the interdependencies and interrelationships among the organisms in these different ecosystems.	PROJECT: PLANT USAGE
SCI.9-12.4.9-11 LS2E.1	Compare the biodiversity of organisms in different types of ecosystems (e.g., rain forest, grassland, desert) noting the interdependencies and interrelationships among the organisms in these different ecosystems.	USES OF PLANTS
SCI.9-12.4.9-11 LS3A.1	Explain biological evolution as the consequence of the interactions of four factors: population growth, inherited variability of offspring, a finite supply of resources, and natural selection by the environment of offspring better able to survive and reproduce.	ANIMALS: MOVEMENT, REPRODUCTION AND DEVELOPMENT
SCI.9-12.4.9-11 LS3A.1	Explain biological evolution as the consequence of the interactions of four factors: population growth, inherited variability of offspring, a finite supply of resources, and natural selection by the environment of offspring better able to survive and reproduce.	EVOLUTIONARY BASICS
SCI.9-12.4.9-11 LS3A.1	Explain biological evolution as the consequence of the interactions of four factors: population growth, inherited variability of offspring, a finite supply of resources, and natural selection by the environment of offspring better able to survive and reproduce.	PATTERNS OF EVOLUTION
SCI.9-12.4.9-11 LS3A.1	Explain biological evolution as the consequence of the interactions of four factors: population growth, inherited variability of offspring, a finite supply of resources, and natural selection by the environment of offspring better able to survive and reproduce.	PROJECT: NATURAL SELECTION
SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	CELL DIVISION: MEIOSIS
SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	EVOLUTIONARY BASICS
SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	FERTILIZATION

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SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	INHERITANCE
SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	MENDELIAN GENETICS
SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	PROBABILITY
SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	PROJECT: PUNNETT SQUARES
SCI.9-12.4.9-11 LS3B.1	Describe the molecular process by which organisms pass on physical and behavioral traits to offspring, as well as the environmental and genetic factors that cause minor differences (variations) in offspring or occasional "mistakes" in the copying of genetic material that can be inherited by future generations (mutations).	TYPES OF REPRODUCTION
SCI.9-12.4.9-11 LS3B.2	Explain how a genetic mutation may or may not allow a species to survive and reproduce in a given environment.	ANIMALS: MOVEMENT, REPRODUCTION AND DEVELOPMENT
SCI.9-12.4.9-11 LS3B.2	Explain how a genetic mutation may or may not allow a species to survive and reproduce in a given environment.	ECOSYSTEMS AND BIOMES
SCI.9-12.4.9-11 LS3B.2	Explain how a genetic mutation may or may not allow a species to survive and reproduce in a given environment.	PROJECT: LOCAL ECOSYSTEMS
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	EVOLUTIONARY BASICS
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	EVOLUTIONARY EVIDENCE
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	INTRODUCTION TO TAXONOMY
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	KEYS TO CLASSIFICATION
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	PATTERNS OF EVOLUTION
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	PROJECT: CLASSIFYING FRUIT
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	PROJECT: KEYING ANIMALS
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	PROJECT: KEYING PLANTS

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SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	PROJECT: NATURAL SELECTION
SCI.9-12.4.9-11 LS3C.1	Explain how the millions of different species alive today are related by descent from a common ancestor.	TAXONOMY: CLASSIFICATION AND NAMING
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	CHROMOSOMES AND GENES
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	PROJECT: FUNGI CULTURES
SCI.9-12.4.9-11 LS3D.1	Using the fossil record and anatomical and/or molecular (DNA) similarities as evidence, formulate a logical argument for biological evolution as an explanation for the development of a representative species (e.g., birds, horses, elephants, whales).	DNA AND RNA
SCI.9-12.4.9-11 LS3D.1	Using the fossil record and anatomical and/or molecular (DNA) similarities as evidence, formulate a logical argument for biological evolution as an explanation for the development of a representative species (e.g., birds, horses, elephants, whales).	EVOLUTIONARY BASICS
SCI.9-12.4.9-11 LS3D.1	Using the fossil record and anatomical and/or molecular (DNA) similarities as evidence, formulate a logical argument for biological evolution as an explanation for the development of a representative species (e.g., birds, horses, elephants, whales).	EVOLUTIONARY EVIDENCE
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	ANIMALIA KINGDOM: INVERTEBRATES
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	ANIMALIA KINGDOM: CHORDATES AND VERTEBRATES
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	FUNGI KINGDOM
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	INTRODUCTION TO TAXONOMY
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	KEYS TO CLASSIFICATION
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	PLANTAE KINGDOM
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	PROJECT: ALGAE CULTURES
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	PROJECT: CLASSIFYING FRUIT
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	PROJECT: KEYING ANIMALS
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	PROJECT: KEYING PLANTS
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	PROJECT: PLANT AND ANIMAL RESEARCH
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	PROTISTA KINGDOM: ALGAE
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	TAXONOMY: CLASSIFICATION AND NAMING

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SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	ANIMALIA KINGDOM: INVERTEBRATES
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	ANIMALIA KINGDOM: CHORDATES AND VERTEBRATES
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	PROJECT: PLANT AND ANIMAL RESEARCH

**Alignment Report for Chemistry
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State:	Washington	
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 9-12	
Section	Description	Lesson Title
SCI.9-12.1.9-12 SYSA.1	Give examples of a positive feedback system and explain its regulatory mechanism (e.g., global warming causes Earth's ice caps to melt, reflecting less energy to space, increasing temperatures).	Project: Absolute Zero: Real or Theoretical?
SCI.9-12.1.9-12 SYSD.1	Analyze whether or not a system (e.g., population) is changing or in equilibrium.	Acid-Base Equilibria
SCI.9-12.1.9-12 SYSD.1	Analyze whether or not a system (e.g., population) is changing or in equilibrium.	Activity: Exploring Factors that Affect Equilibrium
SCI.9-12.1.9-12 SYSD.1	Analyze whether or not a system (e.g., population) is changing or in equilibrium.	Conditions Affecting Equilibrium
SCI.9-12.1.9-12 SYSD.1	Analyze whether or not a system (e.g., population) is changing or in equilibrium.	Reaction Equilibria and Equilibrium Constants
SCI.9-12.1.9-12 SYSD.2	Determine whether a state of equilibrium is static or dynamic (e.g., inflows equal outflows).	Acid-Base Equilibria
SCI.9-12.1.9-12 SYSD.2	Determine whether a state of equilibrium is static or dynamic (e.g., inflows equal outflows).	Activity: Exploring Factors that Affect Equilibrium
SCI.9-12.1.9-12 SYSD.2	Determine whether a state of equilibrium is static or dynamic (e.g., inflows equal outflows).	Conditions Affecting Equilibrium
SCI.9-12.1.9-12 SYSD.2	Determine whether a state of equilibrium is static or dynamic (e.g., inflows equal outflows).	Reaction Equilibria and Equilibrium Constants
SCI.9-12.2.9-12 INQA.1	Generate and evaluate a question that can be answered through a scientific investigation. Critique questions generated by others and explain whether or not the questions are scientific.	Observation and Hypothesizing
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Finding Absolute Zero Experimentally
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Practice in Measuring Metric Volumes
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Report: Metric System
SCI.9-12.2.9-12 INQC.1	Draw conclusions supported by evidence from the investigation and consistent with established scientific knowledge.	Experiment: Finding Absolute Zero Experimentally
SCI.9-12.2.9-12 INQC.1	Draw conclusions supported by evidence from the investigation and consistent with established scientific knowledge.	Observation and Hypothesizing
SCI.9-12.2.9-12 INQC.1	Draw conclusions supported by evidence from the investigation and consistent with established scientific knowledge.	Report: Density
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Ammonium Nitrate
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Volatility
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Finding Absolute Zero Experimentally

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SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Observation and Hypothesizing
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Project: Graphing Kinetic Energy
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Scientific Analysis and Significant Figures
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Using Graphs to Analyze Data
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	Observation and Hypothesizing
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	Scientific Analysis and Significant Figures
SCI.9-12.2.9-12 INQG.1	Participate in a scientific discussion about their own investigations and those performed by others.	Observation and Hypothesizing
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	Report: Density
SCI.9-12.3.9-12 APPA.1	Describe ways that scientific ideas have influenced society or the development of differing cultures.	Report: Density
SCI.9-12.3.9-12 APPD.1	Use proportional reasoning, functions, graphing, and estimation to solve problems.	Project: Graphing Kinetic Energy
SCI.9-12.3.9-12 APPD.1	Use proportional reasoning, functions, graphing, and estimation to solve problems.	Using Graphs to Analyze Data
SCI.9-12.3.9-12 APPD.1	Use proportional reasoning, functions, graphing, and estimation to solve problems.	Using Scientific Notation with Significant Figures
SCI.9-12.3.9-12 APPD.2	Use computers, probes, and software when available to collect, display, and analyze data.	Report: Metric System
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Atomic Structure and Nuclear Reactions
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Counting Gas Particles: The Measure of the Mole
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Elements, Compounds, and Mixtures

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SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Experiment: Physical Properties of Elements
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Measuring Mass in the Chemistry Laboratory
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	The Basic Ingredient: Chemical Elements
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Types of Chemical Bonds
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Atomic Structure and Nuclear Reactions
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Elements, Compounds, and Mixtures
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Experiment: Physical Properties of Elements
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	The Basic Ingredient: Chemical Elements
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Atomic Structure and Nuclear Reactions
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Charging Up: Ionization of Atoms
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Designing an Organizational Map: The Periodic Table
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Electron Availability: Prelude to Bonding
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Elements, Compounds, and Mixtures
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Experiment: Chemical Properties of Some Metals
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Experiment: Physical Properties of Elements
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	The Basic Ingredient: Chemical Elements
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	The Periodic Law
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Valence Structure
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Charging Up: Ionization of Atoms
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Designing an Organizational Map: The Periodic Table
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Electron Availability: Prelude to Bonding

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SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Elements, Compounds, and Mixtures
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Experiment: Chemical Properties of Some Metals
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Experiment: Physical Properties of Elements
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	The Basic Ingredient: Chemical Elements
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	The Periodic Law
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Valence Structure
SCI.9-12.4.9-11 PS2D.1	Explain how ions and ionic bonds are formed (e.g., sodium atoms lose an electron and chlorine atoms gain an electron, then the charged ions are attracted to each other and form bonds).	Charging Up: Ionization of Atoms
SCI.9-12.4.9-11 PS2D.1	Explain how ions and ionic bonds are formed (e.g., sodium atoms lose an electron and chlorine atoms gain an electron, then the charged ions are attracted to each other and form bonds).	Molecular Structure
SCI.9-12.4.9-11 PS2D.1	Explain how ions and ionic bonds are formed (e.g., sodium atoms lose an electron and chlorine atoms gain an electron, then the charged ions are attracted to each other and form bonds).	Solubility
SCI.9-12.4.9-11 PS2D.1	Explain how ions and ionic bonds are formed (e.g., sodium atoms lose an electron and chlorine atoms gain an electron, then the charged ions are attracted to each other and form bonds).	The Periodic Law
SCI.9-12.4.9-11 PS2D.1	Explain how ions and ionic bonds are formed (e.g., sodium atoms lose an electron and chlorine atoms gain an electron, then the charged ions are attracted to each other and form bonds).	Types of Chemical Bonds
SCI.9-12.4.9-11 PS2D.2	Explain the meaning of a chemical formula for an ionic array (e.g., NaCl).	Determining Chemical Formulas
SCI.9-12.4.9-11 PS2E.1	Give examples to illustrate that molecules are groups of two or more atoms bonded together (e.g., a molecule of water is formed when one oxygen atom shares electrons with two hydrogen atoms).	A Closer Look at the Carbon Atom
SCI.9-12.4.9-11 PS2E.1	Give examples to illustrate that molecules are groups of two or more atoms bonded together (e.g., a molecule of water is formed when one oxygen atom shares electrons with two hydrogen atoms).	Organic Compounds
SCI.9-12.4.9-11 PS2E.1	Give examples to illustrate that molecules are groups of two or more atoms bonded together (e.g., a molecule of water is formed when one oxygen atom shares electrons with two hydrogen atoms).	Proteins and Amino Acids
SCI.9-12.4.9-11 PS2E.2	Explain the meaning of a chemical formula for a molecule (e.g., CH ₄ or H ₂ O).	A Closer Look at the Carbon Atom

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SCI.9-12.4.9-11 PS2E.2	Explain the meaning of a chemical formula for a molecule (e.g., CH ₄ or H ₂ O).	Determining Chemical Formulas
SCI.9-12.4.9-11 PS2E.2	Explain the meaning of a chemical formula for a molecule (e.g., CH ₄ or H ₂ O).	Experiment: Demonstrating Polar Properties
SCI.9-12.4.9-11 PS2E.2	Explain the meaning of a chemical formula for a molecule (e.g., CH ₄ or H ₂ O).	Organic Compounds
SCI.9-12.4.9-11 PS2E.2	Explain the meaning of a chemical formula for a molecule (e.g., CH ₄ or H ₂ O).	Proteins and Amino Acids
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	A Closer Look at the Carbon Atom
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	Molecular Structure
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	Organic Compounds
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	Polar Covalent Molecules and Dot Structures
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	Proteins and Amino Acids
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	Sources of Organic Compounds
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	Types of Chemical Bonds
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Activity: Exploring Factors that Affect Equilibrium
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Chemical Reactions, Rates, and Equilibrium
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Conditions Affecting Equilibrium
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Evidence for Chemical Change
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Experiment: Chemical Properties of Some Metals
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Reaction Equilibriums and Equilibrium Constants

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SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	A Closer Look at the Carbon Atom
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Activity: Exploring Factors that Affect Equilibrium
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Chemical Reactions, Rates, and Equilibrium
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Conditions Affecting Equilibrium
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Creating Compounds: Investigating Chemical Changes
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Experiment: Chemical Reactions
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Experiment: Observing Chemical Changes
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Organic Compounds
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Proteins and Amino Acids
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Reaction Equilibriums and Equilibrium Constants
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Activity: Exploring Factors that Affect Equilibrium
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Chemical Reactions, Rates, and Equilibrium
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Conditions Affecting Equilibrium
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Creating Compounds: Investigating Chemical Changes
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Evidence for Chemical Change
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Experiment: Chemical Reactions
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Experiment: Observing Chemical Changes
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Reaction Equilibriums and Equilibrium Constants

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SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Chemist's Toolbox
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Identifying Different Types of Mixtures
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Solubility Equilibrium
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Solution Concentration: Molarity
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Solutions
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Solutions
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	The Dissolving Process
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Activity: Solution Concentration vs. Conductivity
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Elements, Compounds, and Mixtures
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Factors that Affect Reaction Rates: Solution Concentration
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Reaction Dynamics
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Solubility
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Solubility Equilibrium
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Solution Concentration: Molarity
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Solutions
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	A Metal Can Meets Mr. Charles and Mr. Boyle
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Chemical Reactions, Rates, and Equilibrium
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Examining the Use of Certain Gases as Propellants

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SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Experiment: Observing Chemical Changes
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	How 'Gas Laws' Impact Scuba Diving
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	More 'Gas Laws' and Scuba Diving
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Nothing Stays Put: The Basis for Diffusion and Pressure
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Pressure: Volume Relationships in Gases (Boyle's Law)
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Project: Absolute Zero: Real or Theoretical?
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	The Dissolving Process
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	Atomic Structure and Nuclear Reactions
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	Counting Gas Particles: The Measure of the Mole
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	A Closer Look Inside: Nuclear Reactions
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	A Closer Look Inside: Nuclear Reactions
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Atomic Structure and Nuclear Reactions
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Elements, Compounds, and Mixtures
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Report: Fission Reactors
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	The Basic Ingredient: Chemical Elements
SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	Elements, Compounds, and Mixtures

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SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	The Basic Ingredient: Chemical Elements
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**Alignment Report for Earth Science
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State:	Washington
Standard:	Grade Level Expectations
Subject:	Science
Grade:	Grade 9

Section	Description	Lesson Title
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	A Unique Planet
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Atmospheric Cycles
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Experiment: Porosity and Permeability
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Igneous Rocks
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Metamorphic Rocks
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Project: Crystal Systems
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Project: Identifying a Rock
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Project: Soil Particles
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Project: Sphere Interaction Lab
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Project: Water Conservation
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Sedimentary Rocks
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Soil Formation

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SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	The Spheres of Earth
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Water Basics
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Water Distribution
SCI.9.1.2.1.a	Describe the function of a system's parts or subsystems.	Project: Mapping
SCI.9.1.2.1.a	Describe the function of a system's parts or subsystems.	Using Geologic Maps
SCI.9.1.2.1.a	Describe the function of a system's parts or subsystems.	Using Topographic Maps
SCI.9.1.2.1.b	Explain inputs, outputs, transfers, transformations, and feedback of matter, energy, and information in a system.	Atmospheric Cycles
SCI.9.1.2.1.b	Explain inputs, outputs, transfers, transformations, and feedback of matter, energy, and information in a system.	Measuring Weather
SCI.9.1.2.2.c	Examine and explain how energy is transferred within and among systems.	Atmospheric Cycles
SCI.9.1.2.2.c	Examine and explain how energy is transferred within and among systems.	Measuring Weather
SCI.9.1.2.4.b	Explain how plate tectonics is caused by Earth's internal energy (e.g., nuclear energy from radioactivity in the core transforms to thermal energy in the mantle that, through convection, causes the motion of tectonic plates).	Continental Drift
SCI.9.1.2.4.b	Explain how plate tectonics is caused by Earth's internal energy (e.g., nuclear energy from radioactivity in the core transforms to thermal energy in the mantle that, through convection, causes the motion of tectonic plates).	Plate Boundaries
SCI.9.1.2.4.b	Explain how plate tectonics is caused by Earth's internal energy (e.g., nuclear energy from radioactivity in the core transforms to thermal energy in the mantle that, through convection, causes the motion of tectonic plates).	Plate Tectonics
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Air Pressure and Winds
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Alternate Project: Barometers
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Climate Regulation and Change
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Destructive Forces
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Geographical Effects
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Project: Air Circulation
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Project: Control the Weather
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Project: Earthquake Features Lab
SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Using Topographic Maps

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SCI.9.1.2.4.c	Correlate Earth's surface features to observable weather patterns (e.g., rain shadow, deserts, rain forest).	Weather and Climate
SCI.9.1.3.1.e	Explain that the strength of a gravitational force between two objects depends on the mass of the objects and the distance between the objects.	Ability To Orbit
SCI.9.1.3.2.a	Describe the balanced forces acting on an object moving at a constant speed along a straight line, 1st Law of Motion (e.g., a car traveling at a constant speed of 60 mph on a straight freeway has a force pushing it forward balanced by frictional forces acting in the opposite direction).	Ability To Orbit
SCI.9.1.3.2.b	Explain how unbalanced forces change the speed and/or direction of motion of different objects moving along a straight line, 2nd Law of Motion (e.g., a 2-kg object needs twice the unbalanced force to speed up the same amount as a 1-kg object).	Ability To Orbit
SCI.9.1.3.2.c	Investigate and describe that forces always come in pairs, 3rd Law of Motion (e.g., pull a spring scale against another spring scale, as water blasts out of a bottle rocket two forces act - a force on the water and an equal force on the rocket).	Ability To Orbit
SCI.9.1.3.2.c	Investigate and describe that forces always come in pairs, 3rd Law of Motion (e.g., pull a spring scale against another spring scale, as water blasts out of a bottle rocket two forces act - a force on the water and an equal force on the rocket).	Project: Newton's Law
SCI.9.1.3.3.a	Investigate and analyze the effect of different factors on the rate of a physical and chemical change (e.g., temperature, surface area, pressure, catalysts).	Alternate Project: Temperature
SCI.9.1.3.3.d	Recognize and explain that the rate of radioactive decay of a substance is constant, not affected by any factors (e.g., the half-life of a radioactive substance is constant over a long time and a wide range of conditions found on Earth).	Absolute Dating
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	A Unique Planet
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Continental Drift
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Currents
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Erosion
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Groundwater

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SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Plate Tectonics
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Project: Earth Comparisons
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Project: Earthquake Features Lab
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Project: Mantle Convection
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Rivers and Waves
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Waves and Tides
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Weird Weather
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Wind
SCI.9.1.3.4.b	Describe the effects of glaciation and floods on the Pacific Northwest.	Destructive Forces
SCI.9.1.3.4.b	Describe the effects of glaciation and floods on the Pacific Northwest.	Project: Earthquake Features Lab
SCI.9.1.3.4.b	Describe the effects of glaciation and floods on the Pacific Northwest.	Project: Ice Erosion
SCI.9.1.3.4.b	Describe the effects of glaciation and floods on the Pacific Northwest.	Using Topographic Maps
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Destructive Forces
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Features of Earthquakes

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SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Features of Volcanoes
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Force of Earthquakes
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Force of Volcanoes
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Measuring The Force of Earthquakes
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Prediction of Volcanoes
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Project: Earthquake Features Lab
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Project: Volcanic Features Lab
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Using Topographic Maps
SCI.9.1.3.4.d	Explain how substances change as they move through Earth's systems (e.g., carbon cycle, nitrogen cycle, burning of wood and fossil fuels).	Biogeochemical Cycles: Cycles of Life Materials
SCI.9.1.3.4.d	Explain how substances change as they move through Earth's systems (e.g., carbon cycle, nitrogen cycle, burning of wood and fossil fuels).	Project: Story of the Spheres

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SCI.9.1.3.5.a	Explain how decay rates of radioactive materials in rock layers are used to establish the age of fossil remains or the time of geologic events.	Continental Drift
SCI.9.1.3.5.a	Explain how decay rates of radioactive materials in rock layers are used to establish the age of fossil remains or the time of geologic events.	Project: Evolution of the Atmosphere
SCI.9.1.3.5.b	Describe how rock formations can be used to determine the nature of past geologic events.	Project: Earthquake Features Lab
SCI.9.1.3.5.b	Describe how rock formations can be used to determine the nature of past geologic events.	Project: Evolution of the Atmosphere
SCI.9.1.3.5.b	Describe how rock formations can be used to determine the nature of past geologic events.	Relative Dating
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Absolute Dating
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Determining Earth's Age
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Igneous Rocks
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Project: Earthquake Features Lab
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Project: Evolution of the Atmosphere
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Project: The Clock of Eons
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Air Pressure and Winds
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Alternate Project: Barometers
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Atmospheric Cycles
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Constructive Forces
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Continental Drift
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Destructive Forces
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Project: Air Circulation
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Project: Control the Weather

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SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Project: Sphere Interaction Lab
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Solar Interaction
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Solar Power
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	The Spheres of Earth
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Weather and Climate
SCI.9.1.3.6.b	Explain how greenhouse gases in the atmosphere affect climate (e.g., global warming).	Air Pollution
SCI.9.1.3.6.b	Explain how greenhouse gases in the atmosphere affect climate (e.g., global warming).	Climate Regulation and Change
SCI.9.1.3.6.b	Explain how greenhouse gases in the atmosphere affect climate (e.g., global warming).	Project: Greenhouse Effect
SCI.9.1.3.6.b	Explain how greenhouse gases in the atmosphere affect climate (e.g., global warming).	Project: Greenhouse Effect
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Air Masses and Fronts
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Air Pressure and Winds
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Alternate Project: Barometers
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Impact of Volcanoes
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Mass Extinctions
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Measuring The Force of Earthquakes
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Prediction of Volcanoes
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Project: Air Circulation
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Project: Clouds and Weather
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Project: Control the Weather

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SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Weather and Climate
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Flow of Energy in Ecosystems
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Weathering
SCI.9.1.3.8.b	Describe how energy is transferred and transformed from the Sun to energy-rich molecules during photosynthesis.	Project: Solar Energy
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	Flow of Energy in Ecosystems
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	Project: Flow of Energy
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	Project: Sphere Interaction Lab
SCI.9.1.3.10.a	Describe how matter and energy are transferred and cycled through ecosystems (i.e., matter and energy move from plants to herbivores/omnivores to carnivores and decomposers).	The Spheres of Earth
SCI.9.1.3.10.c	Describe how population changes cause changes in the cycle of matter and the flow of energy in ecosystems.	Flow of Energy in Ecosystems
SCI.9.1.3.10.c	Describe how population changes cause changes in the cycle of matter and the flow of energy in ecosystems.	Gravity and Glaciers
SCI.9.1.3.10.c	Describe how population changes cause changes in the cycle of matter and the flow of energy in ecosystems.	Project: Flow of Energy
SCI.9.1.3.10.c	Describe how population changes cause changes in the cycle of matter and the flow of energy in ecosystems.	Project: Ice Erosion
SCI.9.1.3.10.c	Describe how population changes cause changes in the cycle of matter and the flow of energy in ecosystems.	Weathering
SCI.9.1.3.10.d	Describe the living and nonliving factors that limit the size and affect the health of a population in an ecosystem.	Alternate Project: Temperature
SCI.9.1.3.10.d	Describe the living and nonliving factors that limit the size and affect the health of a population in an ecosystem.	Project: Sphere Interaction Lab
SCI.9.1.3.10.d	Describe the living and nonliving factors that limit the size and affect the health of a population in an ecosystem.	The Spheres of Earth
SCI.9.2.1.1.a	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Project: Ice Erosion
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Prediction of Volcanoes
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Prediction of Volcanoes
SCI.9.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	Prediction of Volcanoes
SCI.9.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Atmospheric Cycles
SCI.9.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Groundwater

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SCI.9.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Measuring Weather
SCI.9.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Project: Earthquake Features Lab
SCI.9.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Rivers and Waves
SCI.9.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Weird Weather
SCI.9.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Atmospheric Cycles
SCI.9.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Groundwater
SCI.9.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Measuring Weather
SCI.9.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Project: Earthquake Features Lab
SCI.9.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Rivers and Waves
SCI.9.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Weird Weather
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Atmospheric Cycles
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Groundwater
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Measuring Weather
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Prediction of Volcanoes
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Project: Earthquake Features Lab
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Rivers and Waves
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Weird Weather
SCI.9.2.1.5.b.2	materials used in the investigation	Project: Ice Erosion
SCI.9.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	Prediction of Volcanoes
SCI.9.2.2.4.a	Describe how the methods of an investigation ensured reliable results.	Using Geologic Maps

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SCI.9.2.2.4.c	Describe how the methods of an investigation ensured validity (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	Using Geologic Maps
SCI.9.2.2.4.d	Explain the purpose of the steps of an investigation in terms of the validity of the investigation.	Using Geologic Maps
SCI.9.2.2.5.c	Explain how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Atmospheric Cycles
SCI.9.2.2.5.c	Explain how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Measuring Weather
SCI.9.2.2.5.d	Explain how increased understanding of systems leads to new questions to be investigated.	Atmospheric Cycles
SCI.9.2.2.5.d	Explain how increased understanding of systems leads to new questions to be investigated.	Measuring Weather
SCI.9.2.2.5.f	Use new tools to investigate a system to discover new facts about the system that lead to new ideas and questions.	Atmospheric Cycles
SCI.9.2.2.5.f	Use new tools to investigate a system to discover new facts about the system that lead to new ideas and questions.	Measuring Weather
SCI.9.3.1.3.d	Explain how to change a system to solve a problem or improve a solution to a problem.	Atmospheric Cycles
SCI.9.3.1.3.d	Explain how to change a system to solve a problem or improve a solution to a problem.	Measuring Weather
SCI.9.3.2.3.a	Research and report on educational requirements associated with an occupation(s)/career(s) of interest.	Project: Research a Career
SCI.9.3.2.4.a	Explain how the use of renewable and nonrenewable natural resources affects the sustainability of an ecosystem.	Project: Nuclear Energy
SCI.9.3.2.4.a	Explain how the use of renewable and nonrenewable natural resources affects the sustainability of an ecosystem.	Project: Soil Particles
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Section	Description	Lesson Title
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Clouds and Precipitation
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Water Basics
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Prediction of Volcanoes
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Water Basics
SCI.10.1.1.1.e	Explain the similar properties of elements in a vertical column (groups or families) of the periodic table.	Water Basics
SCI.10.1.1.1.f	Predict the properties of an element based on the element's location (groups or families) on the periodic table.	Prediction of Volcanoes

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SCI.10.1.1.1.f	Predict the properties of an element based on the element's location (groups or families) on the periodic table.	Water Basics
SCI.10.1.1.3.a	Describe the relationship between the wave properties of amplitude and frequency and the energy of a wave (e.g., loud vs. soft sound, high vs. low pitch sound, bright vs. dim light, blue light vs. red light).	Measuring Weather
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Measuring Weather
SCI.10.1.1.3.c	Predict and explain what happens to the pitch of sound and color of light as the wave frequency increases or decreases.	Gravity and Glaciers
SCI.10.1.1.3.c	Predict and explain what happens to the pitch of sound and color of light as the wave frequency increases or decreases.	Project: Ice Erosion
SCI.10.1.1.3.c	Predict and explain what happens to the pitch of sound and color of light as the wave frequency increases or decreases.	Weathering
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Atmospheric Cycles
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Measuring Weather
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Project: Nuclear Energy
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Project: Mapping
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Using Geologic Maps
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Using Topographic Maps
SCI.10.1.1.4.c	Measure and describe the thermal energy of a system, subsystem, and/or parts of a system in terms of molecular motion (temperature) and energy from a phase change (e.g., observe, measure, and record temperature changes over time while heating ice to boiling water).	Alternate Project: Temperature
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	Project: Sphere Interaction Lab

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SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	The Spheres of Earth
SCI.10.1.1.6.a	Analyze the relationship among organisms based on their shared physical, biochemical, genetic, and cellular characteristics and functional processes.	Weathering
SCI.10.1.2.1.a	Explain the interconnections between a system's parts or subsystems.	Measuring Weather
SCI.10.1.2.2.a	Distinguish conditions likely to result in transfers or transformations of energy from one part of a system to another (e.g., a temperature difference may result in the flow of thermal energy from a hot area to a cold area).	Atmospheric Cycles
SCI.10.1.2.2.a	Distinguish conditions likely to result in transfers or transformations of energy from one part of a system to another (e.g., a temperature difference may result in the flow of thermal energy from a hot area to a cold area).	Measuring Weather
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	Project: Mapping
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	Using Geologic Maps
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	Using Topographic Maps
SCI.10.1.2.5.a	Describe how the Solar System is part of the Milky Way Galaxy.	Characteristics of Stars
SCI.10.1.2.5.b	Compare how stars and other celestial bodies (at least 100 billion) are similar and different from each other (i.e., size, composition, distance from the Earth, temperature, age, source of light, and movement in space).	Characteristics of Stars
SCI.10.1.2.5.b	Compare how stars and other celestial bodies (at least 100 billion) are similar and different from each other (i.e., size, composition, distance from the Earth, temperature, age, source of light, and movement in space).	Project: Building a Model of the Earth
SCI.10.1.2.5.b	Compare how stars and other celestial bodies (at least 100 billion) are similar and different from each other (i.e., size, composition, distance from the Earth, temperature, age, source of light, and movement in space).	Project: Earth Comparisons
SCI.10.1.2.5.b	Compare how stars and other celestial bodies (at least 100 billion) are similar and different from each other (i.e., size, composition, distance from the Earth, temperature, age, source of light, and movement in space).	Stellar Evolution
SCI.10.1.2.5.c	Describe how other galaxies and other celestial bodies appear from Earth.	A Unique Planet
SCI.10.1.2.5.c	Describe how other galaxies and other celestial bodies appear from Earth.	Galaxies
SCI.10.1.2.5.c	Describe how other galaxies and other celestial bodies appear from Earth.	Project: Earth Comparisons
SCI.10.1.2.5.c	Describe how other galaxies and other celestial bodies appear from Earth.	Project: Identifying Galaxies

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SCI.10.1.2.8.a	Name the structural and functional characteristics of human organ systems, including the endocrine, immune, nervous, reproductive, and skin systems.	Project: Layers of the Atmosphere
SCI.10.1.2.8.e	Compare the structure and function of a human body system or subsystem to a nonliving system (e.g., human joints to hinges, enzyme and substrate to interlocking puzzle pieces).	Atmospheric Cycles
SCI.10.1.2.8.e	Compare the structure and function of a human body system or subsystem to a nonliving system (e.g., human joints to hinges, enzyme and substrate to interlocking puzzle pieces).	Measuring Weather
SCI.10.1.3.7.a	Explain phenomena caused by the regular and predictable motions of planets and moons in the Solar System.	A Unique Planet
SCI.10.1.3.7.a	Explain phenomena caused by the regular and predictable motions of planets and moons in the Solar System.	Planetary Motion
SCI.10.1.3.7.a	Explain phenomena caused by the regular and predictable motions of planets and moons in the Solar System.	Project: Earth Comparisons
SCI.10.1.3.7.b	Describe how the Solar System formed.	A Sequence Of Events
SCI.10.1.3.7.c	Describe that the Solar System is part of the Milky Way Galaxy and how the Milky Way and other galaxies appear from Earth.	Characteristics of Stars
SCI.10.1.3.7.c	Describe that the Solar System is part of the Milky Way Galaxy and how the Milky Way and other galaxies appear from Earth.	Project: Identifying Galaxies
SCI.10.1.3.7.d	Describe the formation and life cycle of stars.	A Sequence Of Events
SCI.10.1.3.7.d	Describe the formation and life cycle of stars.	Project: Life Histories of Stars
SCI.10.1.3.7.d	Describe the formation and life cycle of stars.	Stellar Evolution
SCI.10.1.3.7.e	Describe the properties of different stars (e.g., size, temperature, age, formation, energy production).	Alternate Project: Temperature
SCI.10.1.3.7.e	Describe the properties of different stars (e.g., size, temperature, age, formation, energy production).	Characteristics of Stars
SCI.10.1.3.7.e	Describe the properties of different stars (e.g., size, temperature, age, formation, energy production).	Project: Earth Comparisons
SCI.10.1.3.7.e	Describe the properties of different stars (e.g., size, temperature, age, formation, energy production).	Stellar Evolution
SCI.10.1.3.7.f	Describe how the Big Bang theory explains the observed properties of the universe (e.g., expansion, evolution, structures, element generation by fusion).	Competing Perspectives
SCI.10.1.3.7.f	Describe how the Big Bang theory explains the observed properties of the universe (e.g., expansion, evolution, structures, element generation by fusion).	Future Exploration
SCI.10.1.3.7.f	Describe how the Big Bang theory explains the observed properties of the universe (e.g., expansion, evolution, structures, element generation by fusion).	Project: Identifying Galaxies
SCI.10.1.3.7.f	Describe how the Big Bang theory explains the observed properties of the universe (e.g., expansion, evolution, structures, element generation by fusion).	Science Weighs In
SCI.10.2.1.1.a	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Project: Ice Erosion
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Prediction of Volcanoes
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Prediction of Volcanoes
SCI.10.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	Prediction of Volcanoes

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SCI.10.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Atmospheric Cycles
SCI.10.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Groundwater
SCI.10.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Measuring Weather
SCI.10.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Project: Earthquake Features Lab
SCI.10.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Rivers and Waves
SCI.10.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Weird Weather
SCI.10.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Atmospheric Cycles
SCI.10.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Groundwater
SCI.10.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Measuring Weather
SCI.10.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Project: Earthquake Features Lab
SCI.10.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Rivers and Waves
SCI.10.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Weird Weather
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Atmospheric Cycles
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Groundwater
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Measuring Weather
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Prediction of Volcanoes
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Project: Earthquake Features Lab
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Rivers and Waves
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Weird Weather
SCI.10.2.1.5.b.2	materials used in the investigation	Project: Ice Erosion

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SCI.10.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	Prediction of Volcanoes
SCI.10.2.2.4.a	Describe how the methods of an investigation ensured reliable results.	Using Geologic Maps
SCI.10.2.2.4.c	Describe how the methods of an investigation ensured validity (i.e., validity means that the investigation answered the investigative question with confidence; the manipulated variable caused the change in the responding or dependent variable).	Using Geologic Maps
SCI.10.2.2.4.d	Explain the purpose of the steps of an investigation in terms of the validity of the investigation.	Using Geologic Maps
SCI.10.2.2.5.b	Explain how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Atmospheric Cycles
SCI.10.2.2.5.b	Explain how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	Measuring Weather
SCI.10.2.2.5.c	Explain how increased understanding of systems leads to new questions to be investigated.	Atmospheric Cycles
SCI.10.2.2.5.c	Explain how increased understanding of systems leads to new questions to be investigated.	Measuring Weather
SCI.10.2.2.5.e	Use new tools to investigate a system to discover new facts about the system that lead to new ideas and questions.	Atmospheric Cycles
SCI.10.2.2.5.e	Use new tools to investigate a system to discover new facts about the system that lead to new ideas and questions.	Measuring Weather
SCI.10.3.1.2.a.7	document the scientific design process	Using Geologic Maps
SCI.10.3.1.3.d	Explain how to change a system to solve a problem or improve a solution to a problem.	Atmospheric Cycles
SCI.10.3.1.3.d	Explain how to change a system to solve a problem or improve a solution to a problem.	Measuring Weather
SCI.10.3.2.3.a	Research and report on educational requirements associated with an occupation(s)/career(s) of interest.	Project: Research a Career
SCI.10.3.2.4.a	Explain how the use of renewable and nonrenewable natural resources affects the sustainability of an ecosystem.	Project: Nuclear Energy
SCI.10.3.2.4.a	Explain how the use of renewable and nonrenewable natural resources affects the sustainability of an ecosystem.	Project: Soil Particles
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 9-12	
Section	Description	Lesson Title
SCI.9-12.1.9-12 SYSA.1	Give examples of a positive feedback system and explain its regulatory mechanism (e.g., global warming causes Earth's ice caps to melt, reflecting less energy to space, increasing temperatures).	Groundwater
SCI.9-12.1.9-12 SYSA.1	Give examples of a positive feedback system and explain its regulatory mechanism (e.g., global warming causes Earth's ice caps to melt, reflecting less energy to space, increasing temperatures).	Project: Earthquake Features Lab

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SCI.9-12.1.9-12 SYSA.1	Give examples of a positive feedback system and explain its regulatory mechanism (e.g., global warming causes Earth's ice caps to melt, reflecting less energy to space, increasing temperatures).	Rivers and Waves
SCI.9-12.1.9-12 SYSA.1	Give examples of a positive feedback system and explain its regulatory mechanism (e.g., global warming causes Earth's ice caps to melt, reflecting less energy to space, increasing temperatures).	Weird Weather
SCI.9-12.1.9-12 SYSA.2	Give examples of a negative feedback system and explain its regulatory mechanism (e.g., when a human body overheats, it produces sweat that cools the body by evaporation).	Groundwater
SCI.9-12.1.9-12 SYSA.2	Give examples of a negative feedback system and explain its regulatory mechanism (e.g., when a human body overheats, it produces sweat that cools the body by evaporation).	Project: Earthquake Features Lab
SCI.9-12.1.9-12 SYSA.2	Give examples of a negative feedback system and explain its regulatory mechanism (e.g., when a human body overheats, it produces sweat that cools the body by evaporation).	Rivers and Waves
SCI.9-12.1.9-12 SYSA.2	Give examples of a negative feedback system and explain its regulatory mechanism (e.g., when a human body overheats, it produces sweat that cools the body by evaporation).	Weird Weather
SCI.9-12.1.9-12 SYSB.1	Determine if a systems approach will be helpful in answering a question or solving a problem.	Atmospheric Cycles
SCI.9-12.1.9-12 SYSB.1	Determine if a systems approach will be helpful in answering a question or solving a problem.	Measuring Weather
SCI.9-12.1.9-12 SYSB.2	Represent the system with a diagram specifying components, boundaries, flows, and feedbacks.	Atmospheric Cycles
SCI.9-12.1.9-12 SYSB.2	Represent the system with a diagram specifying components, boundaries, flows, and feedbacks.	Measuring Weather
SCI.9-12.1.9-12 SYSB.2	Represent the system with a diagram specifying components, boundaries, flows, and feedbacks.	Project: Air Circulation
SCI.9-12.1.9-12 SYSB.2	Represent the system with a diagram specifying components, boundaries, flows, and feedbacks.	Project: Story of the Spheres
SCI.9-12.1.9-12 SYSB.3	Describe relevant subsystems and the larger system that contains the system being analyzed.	Atmospheric Cycles
SCI.9-12.1.9-12 SYSB.3	Describe relevant subsystems and the larger system that contains the system being analyzed.	Measuring Weather
SCI.9-12.1.9-12 SYSB.3	Describe relevant subsystems and the larger system that contains the system being analyzed.	Project: Mapping
SCI.9-12.1.9-12 SYSB.3	Describe relevant subsystems and the larger system that contains the system being analyzed.	Using Geologic Maps
SCI.9-12.1.9-12 SYSB.3	Describe relevant subsystems and the larger system that contains the system being analyzed.	Using Topographic Maps
SCI.9-12.1.9-12 SYSB.4	Determine how the system functions with respect to other systems.	Atmospheric Cycles
SCI.9-12.1.9-12 SYSB.4	Determine how the system functions with respect to other systems.	Measuring Weather
SCI.9-12.1.9-12 SYSB.4	Determine how the system functions with respect to other systems.	Project: Mapping
SCI.9-12.1.9-12 SYSB.4	Determine how the system functions with respect to other systems.	Using Geologic Maps

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SCI.9-12.1.9-12 SYSB.4	Determine how the system functions with respect to other systems.	Using Topographic Maps
SCI.9-12.1.9-12 SYSC.1	Create a simplified model of a complex system. Trace the possible consequences of a change in one part of the system and explain how the simplified model may not be adequate to reliably predict consequences.	Atmospheric Cycles
SCI.9-12.1.9-12 SYSC.1	Create a simplified model of a complex system. Trace the possible consequences of a change in one part of the system and explain how the simplified model may not be adequate to reliably predict consequences.	Measuring Weather
SCI.9-12.1.9-12 SYSC.1	Create a simplified model of a complex system. Trace the possible consequences of a change in one part of the system and explain how the simplified model may not be adequate to reliably predict consequences.	Prediction of Volcanoes
SCI.9-12.1.9-12 SYSD.1	Analyze whether or not a system (e.g., population) is changing or in equilibrium.	Project: Mapping
SCI.9-12.1.9-12 SYSD.1	Analyze whether or not a system (e.g., population) is changing or in equilibrium.	Using Geologic Maps
SCI.9-12.1.9-12 SYSD.1	Analyze whether or not a system (e.g., population) is changing or in equilibrium.	Using Topographic Maps
SCI.9-12.1.9-12 SYSD.2	Determine whether a state of equilibrium is static or dynamic (e.g., inflows equal outflows).	Project: Mapping
SCI.9-12.1.9-12 SYSD.2	Determine whether a state of equilibrium is static or dynamic (e.g., inflows equal outflows).	Using Geologic Maps
SCI.9-12.1.9-12 SYSD.2	Determine whether a state of equilibrium is static or dynamic (e.g., inflows equal outflows).	Using Topographic Maps
SCI.9-12.2.9-12 INQA.1	Generate and evaluate a question that can be answered through a scientific investigation. Critique questions generated by others and explain whether or not the questions are scientific.	Project: Mantle Convection
SCI.9-12.2.9-12 INQA.1	Generate and evaluate a question that can be answered through a scientific investigation. Critique questions generated by others and explain whether or not the questions are scientific.	Project: Scale of the Solar System
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Evolution of the Atmosphere
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Project: Mapping
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Using Geologic Maps
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Using Topographic Maps
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	Project: Mantle Convection
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	Project: Scale of the Solar System
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Project: Mantle Convection
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Project: Scale of the Solar System

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SCI.9-12.2.9-12 INQG.2	Respond to questions and criticisms, and if appropriate, revise explanations based on these discussions.	Project: Mantle Convection
SCI.9-12.2.9-12 INQG.2	Respond to questions and criticisms, and if appropriate, revise explanations based on these discussions.	Project: Scale of the Solar System
SCI.9-12.2.9-12 INQH.2	Explain the consequences for failure to provide appropriate citations.	Project: Mantle Convection
SCI.9-12.2.9-12 INQH.2	Explain the consequences for failure to provide appropriate citations.	Project: Scale of the Solar System
SCI.9-12.3.9-12 APPA.2	List questions that scientists investigate that are stimulated by the needs of society (e.g., medical research, global climate change).	Project: Greenhouse Effect
SCI.9-12.3.9-12 APPD.2	Use computers, probes, and software when available to collect, display, and analyze data.	Evolution of the Atmosphere
SCI.9-12.3.9-12 APPD.2	Use computers, probes, and software when available to collect, display, and analyze data.	Project: Mapping
SCI.9-12.3.9-12 APPD.2	Use computers, probes, and software when available to collect, display, and analyze data.	Using Geologic Maps
SCI.9-12.3.9-12 APPD.2	Use computers, probes, and software when available to collect, display, and analyze data.	Using Topographic Maps
SCI.9-12.3.9-12 APPE.1	Analyze a societal issue that may be addressed through science and/or technology. Compare alternative solutions by considering trade-offs and unintended consequences (e.g., removing dams to increase salmon spawning).	Project: Mantle Convection
SCI.9-12.3.9-12 APPE.1	Analyze a societal issue that may be addressed through science and/or technology. Compare alternative solutions by considering trade-offs and unintended consequences (e.g., removing dams to increase salmon spawning).	Project: Scale of the Solar System
SCI.9-12.3.9-12 APPF.1	Critically analyze scientific information in current events to make personal choices or to understand public-policy decisions.	Project: Mantle Convection
SCI.9-12.3.9-12 APPF.1	Critically analyze scientific information in current events to make personal choices or to understand public-policy decisions.	Project: Scale of the Solar System
SCI.9-12.4.9-11 PS1C.1	Given specific scenarios, compare the motion of an object acted on by balanced forces with the motion of an object acted on by unbalanced forces.	Ability To Orbit
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Prediction of Volcanoes
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Ability To Orbit
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Project: Newton's Law
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Ability To Orbit
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Prediction of Volcanoes

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SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Project: Newton's Law
SCI.9-12.4.9-11 PS1G.1	Predict whether two charged objects will attract or repel each other, and explain why.	Prediction of Volcanoes
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Prediction of Volcanoes
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Water Basics
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Project: Volcanic Features Lab
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Experiment: FreshWater vs. Saltwater
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Prediction of Volcanoes
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Alternate Project: Temperature
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Prediction of Volcanoes
SCI.9-12.4.9-11 PS3A.1	Describe a situation in which energy is transferred from one place to another and explain how energy is conserved.	Solar Interaction
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Solar Interaction
SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	A Sequence Of Events
SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	Project: Life Histories of Stars
SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	Stellar Evolution
SCI.9-12.4.9-11 ES1B.1	Cite evidence that supports the "Big Bang theory" (e.g., red shift of galaxies or 3K background radiation).	Competing Perspectives
SCI.9-12.4.9-11 ES1B.1	Cite evidence that supports the "Big Bang theory" (e.g., red shift of galaxies or 3K background radiation).	Science Weighs In
SCI.9-12.4.9-11 ES2A.1	Explain that Earth is warmer near the equator and cooler near the poles due to the uneven heating of Earth by the Sun.	Project: Control the Weather
SCI.9-12.4.9-11 ES2A.1	Explain that Earth is warmer near the equator and cooler near the poles due to the uneven heating of Earth by the Sun.	Structure of the Sun
SCI.9-12.4.9-11 ES2A.2	Explain that it's warmer in summer and colder in winter for people in Washington State because the intensity of sunlight is greater and the days are longer in summer than in winter. Connect these seasonal changes in sunlight to the tilt of Earth's axis with respect to the plane of its orbit around the Sun.	Solar Power

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SCI.9-12.4.9-11 ES2A.2	Explain that it's warmer in summer and colder in winter for people in Washington State because the intensity of sunlight is greater and the days are longer in summer than in winter. Connect these seasonal changes in sunlight to the tilt of Earth's axis with respect to the plane of its orbit around the Sun.	Structure of the Sun
SCI.9-12.4.9-11 ES2A.2	Explain that it's warmer in summer and colder in winter for people in Washington State because the intensity of sunlight is greater and the days are longer in summer than in winter. Connect these seasonal changes in sunlight to the tilt of Earth's axis with respect to the plane of its orbit around the Sun.	The Earth's Orbit and Seasons
SCI.9-12.4.9-11 ES2A.2	Explain that it's warmer in summer and colder in winter for people in Washington State because the intensity of sunlight is greater and the days are longer in summer than in winter. Connect these seasonal changes in sunlight to the tilt of Earth's axis with respect to the plane of its orbit around the Sun.	Weather and Climate
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Air Pressure and Winds
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Alternate Project: Barometers
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Atmospheric Cycles
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Currents
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Ocean Water
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Project: Air Circulation
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Project: Control the Weather

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SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Project: Greenhouse Effect
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Project: Greenhouse Effect
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Project: Sphere Interaction Lab
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	The Spheres of Earth
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Weather and Climate
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Atmospheric Cycles
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Project: Sphere Interaction Lab
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	The Spheres of Earth
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Weathering
SCI.9-12.4.9-11 ES2D.1	Identify renewable and nonrenewable resources in the Pacific Northwest region.	Nonrenewable Resources
SCI.9-12.4.9-11 ES2D.1	Identify renewable and nonrenewable resources in the Pacific Northwest region.	Project: Nuclear Energy
SCI.9-12.4.9-11 ES2D.1	Identify renewable and nonrenewable resources in the Pacific Northwest region.	Project: Soil Particles
SCI.9-12.4.9-11 ES2D.1	Identify renewable and nonrenewable resources in the Pacific Northwest region.	Renewable Resources
SCI.9-12.4.9-11 ES2D.2	Explain how human use of natural resources stress natural processes and link that use to a possible long term consequence.	A Unique Planet

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SCI.9-12.4.9-11 ES2D.2	Explain how human use of natural resources stress natural processes and link that use to a possible long term consequence.	Project: Water Conservation
SCI.9-12.4.9-11 ES2D.2	Explain how human use of natural resources stress natural processes and link that use to a possible long term consequence.	Renewable Resources
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Alternate Project: Barometers
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Constructive Forces
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Continental Drift
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Destructive Forces
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Erosion
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Experiment: Porosity and Permeability
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Force of Volcanoes
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Geologic Time
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Gravity and Glaciers

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SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Igneous Rocks
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Impact of Volcanoes
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Prediction of Volcanoes
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Project: The Clock of Eons
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Project: Volcanic Features Lab
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Rivers and Waves
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Soil Formation
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Weathering
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Wind
SCI.9-12.4.9-11 ES3A.2	Construct a possible timeline showing the development of these rock formations given the cause of the formations.	Geologic Time
SCI.9-12.4.9-11 ES3A.2	Construct a possible timeline showing the development of these rock formations given the cause of the formations.	Igneous Rocks
SCI.9-12.4.9-11 ES3A.2	Construct a possible timeline showing the development of these rock formations given the cause of the formations.	Project: The Clock of Eons
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Absolute Dating

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SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Geologic Time
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Project: Earthquake Features Lab
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Project: The Clock of Eons
SCI.9-12.4.9-11 ES3B.2	Given a geologic event, explain multiple methods that could be used to establish the timing of that event.	Absolute Dating
SCI.9-12.4.9-11 ES3B.2	Given a geologic event, explain multiple methods that could be used to establish the timing of that event.	Geologic Time
SCI.9-12.4.9-11 ES3B.2	Given a geologic event, explain multiple methods that could be used to establish the timing of that event.	Project: Earthquake Features Lab
SCI.9-12.4.9-11 ES3B.2	Given a geologic event, explain multiple methods that could be used to establish the timing of that event.	Project: The Clock of Eons
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	A Unique Planet
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Evolution of the Atmosphere
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Project: Earth Comparisons
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Project: Evolution of the Atmosphere
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Project: Layers of the Atmosphere
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Structure of the Atmosphere
SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Geographical Effects
SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Measuring Weather
SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Project: Control the Weather
SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Project: Greenhouse Effect
SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Project: Research Your Climate
SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Project: Weather or Climate?
SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Solar Power

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SCI.9-12.4.9-11 ES3D.1	Describe factors that change climates over long periods of time and cite methods that scientists have found to gather information on ancient climates.	Weather and Climate
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	Prediction of Volcanoes
SCI.9-12.4.9-11 LS2A.2	Explain how matter cycles and energy flows in ecosystems, resulting in the formation of differing chemical compounds and heat.	Project: Volcanic Features Lab
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	A Unique Planet
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Alternate Project: Temperature
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Project: Water Conservation
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Renewable Resources
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Weathering
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Weathering
SCI.9-12.4.9-11 LS2D.1	Draw a systems diagram to illustrate and explain why introduced (nonnative) species often do poorly and have a tendency to die out, as well as why they sometimes do very well and force out native species.	Atmospheric Cycles
SCI.9-12.4.9-11 LS2D.1	Draw a systems diagram to illustrate and explain why introduced (nonnative) species often do poorly and have a tendency to die out, as well as why they sometimes do very well and force out native species.	Measuring Weather
SCI.9-12.4.9-11 LS2D.1	Draw a systems diagram to illustrate and explain why introduced (nonnative) species often do poorly and have a tendency to die out, as well as why they sometimes do very well and force out native species.	Project: Air Circulation
SCI.9-12.4.9-11 LS2D.1	Draw a systems diagram to illustrate and explain why introduced (nonnative) species often do poorly and have a tendency to die out, as well as why they sometimes do very well and force out native species.	Project: Story of the Spheres
SCI.9-12.4.9-11 LS2E.1	Compare the biodiversity of organisms in different types of ecosystems (e.g., rain forest, grassland, desert) noting the interdependencies and interrelationships among the organisms in these different ecosystems.	Project: Sphere Interaction Lab
SCI.9-12.4.9-11 LS2E.1	Compare the biodiversity of organisms in different types of ecosystems (e.g., rain forest, grassland, desert) noting the interdependencies and interrelationships among the organisms in these different ecosystems.	The Spheres of Earth

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SCI.9-12.4.9-11 LS2F.1	Explain how scientific concepts and findings relate to a resource issue currently under discussion in the state of Washington (e.g., removal of dams to facilitate salmon spawning in rivers; construction of wind farms).	Project: Greenhouse Effect
SCI.9-12.4.9-11 LS2F.1	Explain how scientific concepts and findings relate to a resource issue currently under discussion in the state of Washington (e.g., removal of dams to facilitate salmon spawning in rivers; construction of wind farms).	Project: Greenhouse Effect
SCI.9-12.4.9-11 LS3A.2	Predict the effect on a species if one of these factors should change.	Prediction of Volcanoes
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Weathering
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Weathering

**Alignment Report for General Science 900
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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Science	
Grade:	Grade 9	
Section	Description	Lesson Title
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Density
SCI.9.1.2.4.b	Explain how plate tectonics is caused by Earth's internal energy (e.g., nuclear energy from radioactivity in the core transforms to thermal energy in the mantle that, through convection, causes the motion of tectonic plates).	Earth Movements
SCI.9.1.2.4.b	Explain how plate tectonics is caused by Earth's internal energy (e.g., nuclear energy from radioactivity in the core transforms to thermal energy in the mantle that, through convection, causes the motion of tectonic plates).	Geology of the Ocean
SCI.9.1.3.1.c	Measure and describe the sum of all the forces acting on an object.	Experiment: Gravity
SCI.9.1.3.1.c	Measure and describe the sum of all the forces acting on an object.	Experiment: Mass of Gas
SCI.9.1.3.1.c	Measure and describe the sum of all the forces acting on an object.	Experiment: Specific Gravity
SCI.9.1.3.3.c	Describe the products of radioactive decay in terms of the conservation of matter and energy (e.g., a radioactive nucleus decays into a new nucleus and emits particles and rays).	Medicine and Health
SCI.9.1.3.3.c	Describe the products of radioactive decay in terms of the conservation of matter and energy (e.g., a radioactive nucleus decays into a new nucleus and emits particles and rays).	Project: Chemotherapy
SCI.9.1.3.3.c	Describe the products of radioactive decay in terms of the conservation of matter and energy (e.g., a radioactive nucleus decays into a new nucleus and emits particles and rays).	Radioactivity
SCI.9.1.3.3.d	Recognize and explain that the rate of radioactive decay of a substance is constant, not affected by any factors (e.g., the half-life of a radioactive substance is constant over a long time and a wide range of conditions found on Earth).	Medicine and Health
SCI.9.1.3.3.d	Recognize and explain that the rate of radioactive decay of a substance is constant, not affected by any factors (e.g., the half-life of a radioactive substance is constant over a long time and a wide range of conditions found on Earth).	Project: Chemotherapy
SCI.9.1.3.3.d	Recognize and explain that the rate of radioactive decay of a substance is constant, not affected by any factors (e.g., the half-life of a radioactive substance is constant over a long time and a wide range of conditions found on Earth).	Radioactivity
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Earth Changes

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SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Erosion and Sediment
SCI.9.1.3.4.a	Describe the processes that cause the movement of material in Earth's systems (e.g., pressure differences that cause convection resulting in winds, mantle movement, and ocean currents; erosion and deposition).	Turbidity, Sedimentation, and Currents
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Igneous Structures
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Mountains
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Oceans and Continents
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Plate Tectonics
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Project: Volcanos
SCI.9.1.3.5.a	Explain how decay rates of radioactive materials in rock layers are used to establish the age of fossil remains or the time of geologic events.	Fossils
SCI.9.1.3.5.a	Explain how decay rates of radioactive materials in rock layers are used to establish the age of fossil remains or the time of geologic events.	Medicine and Health
SCI.9.1.3.5.a	Explain how decay rates of radioactive materials in rock layers are used to establish the age of fossil remains or the time of geologic events.	Project: Chemotherapy
SCI.9.1.3.5.a	Explain how decay rates of radioactive materials in rock layers are used to establish the age of fossil remains or the time of geologic events.	Radioactivity
SCI.9.1.3.5.b	Describe how rock formations can be used to determine the nature of past geologic events.	Geography and Time (Part 1)
SCI.9.1.3.5.b	Describe how rock formations can be used to determine the nature of past geologic events.	Geography and Time (Part 2)

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SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Geography and Time (Part 1)
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Geography and Time (Part 2)
SCI.9.1.3.5.c	Correlate evidence of geologic events to the relative and absolute dates of rock layers to construct a sequence of the history of Earth.	Sedimentary Rock
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Igneous Structures
SCI.9.1.3.6.c	Describe how catastrophic events (e.g., volcanic eruptions, forest fires, asteroid impacts) can cause climate and weather changes.	Project: Volcanos
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Childhood Viral Infections
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Common Viral Infections
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Digestive Infections
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Fungal Infections
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	History of Oceanography
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Infectious Diseases
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Nervous System Infections
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Outer Space
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Physical Properties of the Ocean
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Project: The Moon and Tides
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Protozoan Infections
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Respiratory Infections
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Rickettsial Infections

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SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Serious Viral Infections
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Experiment: Mass of Gas
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Mass of Gas
SCI.9.2.1.4.a	Compare how a model or different models represent the actual behavior of an object, event, system, or process.	Earth Changes
SCI.9.2.1.4.b	Evaluate how well a model describes or predicts the behavior of an object, event, system, or process.	Earth Changes
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Earth Changes
SCI.9.2.1.5.b.3	observations, data, results	An Observational Science
SCI.9.2.1.5.b.3	observations, data, results	Experiment: Determining Volume
SCI.9.2.1.5.b.3	observations, data, results	Experiment: Gravity
SCI.9.2.1.5.b.3	observations, data, results	Experiment: Mass of Gas
SCI.9.2.1.5.b.3	observations, data, results	Experiment: Specific Gravity
SCI.9.2.1.5.e	Critique a scientific report for completeness, accuracy, and objectivity.	Experiment: Determining Volume
SCI.9.2.1.5.e	Critique a scientific report for completeness, accuracy, and objectivity.	Experiment: Mass of Gas
SCI.9.2.2.2.a	Describe how a theory logically explains a set of facts, principles, concepts and/or knowledge.	An Observational Science
SCI.9.2.2.4.e	Explain how to improve the validity of an investigation (e.g., control more variables, better measuring techniques, increased sample size, control for sample bias, include experimental control condition when appropriate, include a placebo group when appropriate).	Experiment: Mass of Gas
SCI.9.2.2.4.e	Explain how to improve the validity of an investigation (e.g., control more variables, better measuring techniques, increased sample size, control for sample bias, include experimental control condition when appropriate, include a placebo group when appropriate).	Experiment: Specific Gravity
SCI.9.2.2.5.a	Explain how existing ideas were synthesized from a long, rich history of scientific explanations and how technological advancements changed scientific theories.	Medical and Drug Control Organizations
SCI.9.2.2.5.a	Explain how existing ideas were synthesized from a long, rich history of scientific explanations and how technological advancements changed scientific theories.	Outer Space
SCI.9.2.2.5.a	Explain how existing ideas were synthesized from a long, rich history of scientific explanations and how technological advancements changed scientific theories.	Space Explorations
SCI.9.3.1.1.a	Explain how science and technology could be used to solve all or part of a human problem and vice versa (e.g., understanding the composition of an Earth material can be useful to humans, such as copper ore being used to make copper wire).	Medical and Drug Control Organizations
SCI.9.3.1.1.e	Describe a change that could improve a tool or a technology.	Outer Space
SCI.9.3.1.2.a.3	explore ideas	Experiment: Mass of Gas
SCI.9.3.1.2.a.6	scientifically test solutions	Experiment: Determining Volume
SCI.9.3.1.2.a.6	scientifically test solutions	Experiment: Gravity

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SCI.9.3.1.2.a.6	scientifically test solutions	Experiment: Mass of Gas
SCI.9.3.1.2.a.6	scientifically test solutions	Experiment: Specific Gravity
SCI.9.3.1.3.c	Explain the consequences of the solution(s) to the problem or challenge (e.g., doubling the fertilizer will probably not double the plant growth and could cause harm to the ecosystem).	Project: Reactors
SCI.9.3.2.1.a	Explain how life has changed throughout history because of scientific knowledge and technological advances from a variety of peoples.	Medical and Drug Control Organizations
SCI.9.3.2.1.a	Explain how life has changed throughout history because of scientific knowledge and technological advances from a variety of peoples.	Project: Reactors
SCI.9.3.2.2.a	Describe how science and/or technology have led to a given social or economic development.	Medical and Drug Control Organizations
SCI.9.3.2.2.a	Describe how science and/or technology have led to a given social or economic development.	Project: Reactors
SCI.9.3.2.3.b	Examine the scientific, mathematical, and technological knowledge, training, and experience needed for occupational/career areas of interest.	Outer Space
SCI.9.3.2.4.b	Explain how human activities affect Earth's capacity to sustain biological diversity (e.g., global warming, ozone depletion).	Population and Environment
Grade:	Grade 10	
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 9-12	
Section	Description	Lesson Title
SCI.9-12.1.9-12 SYSA.1	Give examples of a positive feedback system and explain its regulatory mechanism (e.g., global warming causes Earth's ice caps to melt, reflecting less energy to space, increasing temperatures).	Earth Changes
SCI.9-12.1.9-12 SYSA.2	Give examples of a negative feedback system and explain its regulatory mechanism (e.g., when a human body overheats, it produces sweat that cools the body by evaporation).	Earth Changes
SCI.9-12.1.9-12 SYSC.1	Create a simplified model of a complex system. Trace the possible consequences of a change in one part of the system and explain how the simplified model may not be adequate to reliably predict consequences.	Mountains
SCI.9-12.2.9-12 INQA.1	Generate and evaluate a question that can be answered through a scientific investigation. Critique questions generated by others and explain whether or not the questions are scientific.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Outer Space
SCI.9-12.2.9-12 INQC.1	Draw conclusions supported by evidence from the investigation and consistent with established scientific knowledge.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Determining Volume
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Gravity
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Mass of Gas

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SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Specific Gravity
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Determining Volume
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Gravity
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Specific Gravity
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Experiment: Determining Volume
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Experiment: Gravity
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Experiment: Specific Gravity
SCI.9-12.2.9-12 INQG.1	Participate in a scientific discussion about their own investigations and those performed by others.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQG.2	Respond to questions and criticisms, and if appropriate, revise explanations based on these discussions.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	Experiment: Determining Volume
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	Experiment: Gravity
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	Experiment: Mass of Gas
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	Experiment: Specific Gravity

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SCI.9-12.2.9-12 INQH.2	Explain the consequences for failure to provide appropriate citations.	Experiment: Mass of Gas
SCI.9-12.3.9-12 APPA.2	List questions that scientists investigate that are stimulated by the needs of society (e.g., medical research, global climate change).	18th and 19th Century Medicine
SCI.9-12.3.9-12 APPA.2	List questions that scientists investigate that are stimulated by the needs of society (e.g., medical research, global climate change).	Ancient Medicine
SCI.9-12.3.9-12 APPE.1	Analyze a societal issue that may be addressed through science and/or technology. Compare alternative solutions by considering trade-offs and unintended consequences (e.g., removing dams to increase salmon spawning).	Medical and Drug Control Organizations
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Mountains
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Mountains
SCI.9-12.4.9-11 PS1F.2	Explain how the weight of an object can change while its mass remains constant.	Mass
SCI.9-12.4.9-11 PS1G.1	Predict whether two charged objects will attract or repel each other, and explain why.	Mountains
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Atomic Nuclei
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Structure of Matter
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Mountains
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Structure of Matter
SCI.9-12.4.9-11 PS2E.1	Give examples to illustrate that molecules are groups of two or more atoms bonded together (e.g., a molecule of water is formed when one oxygen atom shares electrons with two hydrogen atoms).	Structure of Matter
SCI.9-12.4.9-11 PS2E.2	Explain the meaning of a chemical formula for a molecule (e.g., CH ₄ or H ₂ O).	Structure of Matter
SCI.9-12.4.9-11 PS2F.1	Demonstrate how carbon atoms form four covalent bonds to make large molecules. Identify the functions of these molecules (e.g., plant and animal tissue, polymers, sources of food and nutrition, fossil fuels).	Structure of Matter
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Structure of Matter
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Mountains
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Mountains

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SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	Atomic Nuclei
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	Structure of Matter
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	Medicine and Health
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	Project: Chemotherapy
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	Radioactivity
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Applications and Environmental Hazards
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Nuclear Energy
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Nuclear Power
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Project: Reactors
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	18th and 19th Century Medicine
SCI.9-12.4.9-11 ES1B.1	Cite evidence that supports the "Big Bang theory" (e.g., red shift of galaxies or 3K background radiation).	Measuring the Universe
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Project: Marine Report
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Childhood Viral Infections
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Common Viral Infections

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SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Digestive Infections
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Fungal Infections
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	History of Oceanography
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Infectious Diseases
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Nervous System Infections
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Outer Space
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Physical Properties of the Ocean
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Project: The Moon and Tides
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Protozoan Infections
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Respiratory Infections
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Rickettsial Infections
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Serious Viral Infections
SCI.9-12.4.9-11 ES2D.1	Identify renewable and nonrenewable resources in the Pacific Northwest region.	Energy Sources
SCI.9-12.4.9-11 ES2D.2	Explain how human use of natural resources stress natural processes and link that use to a possible long term consequence.	Industry and Transportation

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SCI.9-12.4.9-11 ES2D.2	Explain how human use of natural resources stress natural processes and link that use to a possible long term consequence.	Population and Environment
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Earth Changes
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Erosion and Sediment
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Igneous Structures
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Physical Properties of the Ocean
SCI.9-12.4.9-11 ES3A.1	Interpret current rock formations of the Pacific Northwest as evidence of past geologic events. Consider which Earth processes that may have caused these rock formations (e.g., erosion, deposition, and scraping of terrain by glaciers, floods, volcanic eruptions, and tsunami).	Project: Volcanos
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Medicine and Health
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Project: Chemotherapy
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Radioactivity
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Childhood Viral Infections
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Common Viral Infections
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Digestive Infections
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Fungal Infections
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Infectious Diseases
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Nervous System Infections

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SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Pathogenic Micoorganisms
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Protozoan Infections
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Respiratory Infections
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Rickettsial Infections
SCI.9-12.4.9-11 ES3C.1	Compare the chemical composition of the Earth's atmosphere before bacteria and plants evolved and after they became widespread.	Serious Viral Infections
SCI.9-12.4.9-11 LS1I.2	Model and explain the process of genetic recombination that may occur during meiosis and how this then results in differing characteristics in offspring.	Pathogenic Micoorganisms
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	Mountains
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	Pathogenic Micoorganisms
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Ancient Medicine
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Body Defense Mechanisms
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Characteristics of Infectious Diseases
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Childhood Viral Infections
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Common Viral Infections
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Digestive Infections
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Environmental Conditions
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Fungal Infections

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SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	History of Microbiology
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	History of Oceanography
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Infectious Diseases
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Nervous System Infections
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Outer Space
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Physical Properties of the Ocean
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Population
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Project: The Moon and Tides
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Protozoan Infections
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Respiratory Infections
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Rickettsial Infections
SCI.9-12.4.9-11 LS2B.1	Evaluate the conditions necessary for rapid population growth (e.g., given adequate living and nonliving resources and no disease or predators, populations of an organism increase at rapid rates).	Serious Viral Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Childhood Viral Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Common Viral Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Digestive Infections

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SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Fungal Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	History of Oceanography
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Infectious Diseases
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Nervous System Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Outer Space
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Physical Properties of the Ocean
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Project: The Moon and Tides
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Protozoan Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Respiratory Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Rickettsial Infections
SCI.9-12.4.9-11 LS2B.2	Given ecosystem data, calculate the population density of an organism.	Serious Viral Infections
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	Population
SCI.9-12.4.9-11 LS2C.1	Explain factors, including matter and energy, in the environment that limit the growth of plant and animal populations in natural ecosystems.	Population and Environment
SCI.9-12.4.9-11 LS3A.1	Explain biological evolution as the consequence of the interactions of four factors: population growth, inherited variability of offspring, a finite supply of resources, and natural selection by the environment of offspring better able to survive and reproduce.	Population
SCI.9-12.4.9-11 LS3A.1	Explain biological evolution as the consequence of the interactions of four factors: population growth, inherited variability of offspring, a finite supply of resources, and natural selection by the environment of offspring better able to survive and reproduce.	Population and Environment
SCI.9-12.4.9-11 LS3A.2	Predict the effect on a species if one of these factors should change.	Mountains
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Childhood Viral Infections
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Common Viral Infections
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Digestive Infections
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Fungal Infections

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SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	History of Oceanography
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Infectious Diseases
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Nervous System Infections
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Outer Space
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Physical Properties of the Ocean
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Project: The Moon and Tides
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Protozoan Infections
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Respiratory Infections
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Rickettsial Infections
SCI.9-12.4.9-11 LS3C.2	Explain that genes in organisms that are very different (e.g., yeast, flies, and mammals) can be very similar because these organisms all share a common ancestor.	Serious Viral Infections
SCI.9-12.4.9-11 LS3D.1	Using the fossil record and anatomical and/or molecular (DNA) similarities as evidence, formulate a logical argument for biological evolution as an explanation for the development of a representative species (e.g., birds, horses, elephants, whales).	Fossils
SCI.9-12.4.9-11 LS3E.1	Classify organisms, using similarities and differences in physical and functional characteristics.	Pathogenic Microorganisms
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Childhood Viral Infections
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Common Viral Infections
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Digestive Infections
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Fungal Infections

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SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	History of Oceanography
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Infectious Diseases
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Nervous System Infections
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Outer Space
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Physical Properties of the Ocean
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Project: The Moon and Tides
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Protozoan Infections
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Respiratory Infections
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Rickettsial Infections
SCI.9-12.4.9-11 LS3E.2	Explain similarities and differences among closely related organisms in terms of biological evolution (e.g., "Darwin's finches" had different beaks due to food sources on the islands where they evolved).	Serious Viral Infections

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Science	
Grade:	Grade 9	
Section	Description	Lesson Title
SCI.9.1.1.2.a	Describe the linear motion (speed, direction, and acceleration) of an object over a given time interval relative to Earth or some other object (e.g., as a car accelerates onto a freeway the car speeds up from 30 km/hr to 90 km/hr in 10 sec.).	Acceleration
SCI.9.1.1.2.a	Describe the linear motion (speed, direction, and acceleration) of an object over a given time interval relative to Earth or some other object (e.g., as a car accelerates onto a freeway the car speeds up from 30 km/hr to 90 km/hr in 10 sec.).	Motion Graphs
SCI.9.1.1.2.a	Describe the linear motion (speed, direction, and acceleration) of an object over a given time interval relative to Earth or some other object (e.g., as a car accelerates onto a freeway the car speeds up from 30 km/hr to 90 km/hr in 10 sec.).	Speed and Velocity
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Archimedes' Principle and Flotation
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Electrical Conductivity in Solids
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Experiment: Comparing Hardness and Density of Solids
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Experiment: Viscosity
SCI.9.1.1.5.a	Correlate the chemical composition of Earth materials (i.e., rocks, soils, water, and gases of the atmosphere) with their physical properties (e.g., limestone reaction to acid, the conductivity of copper, ice floats on water).	Magnetic Fields in Space
SCI.9.1.2.1.b	Explain inputs, outputs, transfers, transformations, and feedback of matter, energy, and information in a system.	Heat Engines
SCI.9.1.2.1.b	Explain inputs, outputs, transfers, transformations, and feedback of matter, energy, and information in a system.	Pulleys; Wheels and Axles
SCI.9.1.2.2.a	Describe and determine the energy inputted to an object as work (i.e., work on an object is the product of the force acting on the object and the distance the object moves as the force acts).	Friction
SCI.9.1.2.2.a	Describe and determine the energy inputted to an object as work (i.e., work on an object is the product of the force acting on the object and the distance the object moves as the force acts).	Speed and Velocity

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SCI.9.1.2.2.a	Describe and determine the energy inputted to an object as work (i.e., work on an object is the product of the force acting on the object and the distance the object moves as the force acts).	Work
SCI.9.1.2.2.b	Describe how a machine transfers work and transforms force and distance through a force-distance tradeoff (e.g., a small force acting over a long distance can be transformed to a large force acting over a short distance).	Friction
SCI.9.1.2.2.b	Describe how a machine transfers work and transforms force and distance through a force-distance tradeoff (e.g., a small force acting over a long distance can be transformed to a large force acting over a short distance).	Heat Engines
SCI.9.1.2.2.b	Describe how a machine transfers work and transforms force and distance through a force-distance tradeoff (e.g., a small force acting over a long distance can be transformed to a large force acting over a short distance).	Pulleys; Wheels and Axles
SCI.9.1.2.2.b	Describe how a machine transfers work and transforms force and distance through a force-distance tradeoff (e.g., a small force acting over a long distance can be transformed to a large force acting over a short distance).	Speed and Velocity
SCI.9.1.2.2.b	Describe how a machine transfers work and transforms force and distance through a force-distance tradeoff (e.g., a small force acting over a long distance can be transformed to a large force acting over a short distance).	Work
SCI.9.1.2.2.c	Examine and explain how energy is transferred within and among systems.	Pulleys; Wheels and Axles
SCI.9.1.2.4.a	Identify and describe sources of Earth's internal and external thermal energy.	Forms of Energy
SCI.9.1.2.4.a	Identify and describe sources of Earth's internal and external thermal energy.	Radioactivity
SCI.9.1.3.1.a	Describe how machines transform forces (e.g., a long lever allows a small downward input force to be transformed into a large upward output force).	Friction
SCI.9.1.3.1.a	Describe how machines transform forces (e.g., a long lever allows a small downward input force to be transformed into a large upward output force).	Heat Engines
SCI.9.1.3.1.a	Describe how machines transform forces (e.g., a long lever allows a small downward input force to be transformed into a large upward output force).	Simple Machines; Levers
SCI.9.1.3.1.a	Describe how machines transform forces (e.g., a long lever allows a small downward input force to be transformed into a large upward output force).	Work
SCI.9.1.3.1.c	Measure and describe the sum of all the forces acting on an object.	Experiment: Carbon Dioxide and Water Acidity
SCI.9.1.3.1.c	Measure and describe the sum of all the forces acting on an object.	Experiment: The Cabbage Indicator
SCI.9.1.3.1.c	Measure and describe the sum of all the forces acting on an object.	Forces
SCI.9.1.3.1.d	Describe how forces between objects occur, both when the objects are touching and when the objects are apart.	Forces
SCI.9.1.3.1.e	Explain that the strength of a gravitational force between two objects depends on the mass of the objects and the distance between the objects.	Experiment: Kepler's Second Law

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SCI.9.1.3.2.a	Describe the balanced forces acting on an object moving at a constant speed along a straight line, 1st Law of Motion (e.g., a car traveling at a constant speed of 60 mph on a straight freeway has a force pushing it forward balanced by frictional forces acting in the opposite direction).	Friction
SCI.9.1.3.2.b	Explain how unbalanced forces change the speed and/or direction of motion of different objects moving along a straight line, 2nd Law of Motion (e.g., a 2-kg object needs twice the unbalanced force to speed up the same amount as a 1-kg object).	Speed and Velocity
SCI.9.1.3.2.c	Investigate and describe that forces always come in pairs, 3rd Law of Motion (e.g., pull a spring scale against another spring scale, as water blasts out of a bottle rocket two forces act - a force on the water and an equal force on the rocket).	Experiment: Propulsion
SCI.9.1.3.3.a	Investigate and analyze the effect of different factors on the rate of a physical and chemical change (e.g., temperature, surface area, pressure, catalysts).	Pressure in Liquids
SCI.9.1.3.3.a	Investigate and analyze the effect of different factors on the rate of a physical and chemical change (e.g., temperature, surface area, pressure, catalysts).	Specific Heat Capacity
SCI.9.1.3.3.b	Explain how chemical changes produce substances with different chemical properties and the same total mass.	Chemical Reactions and Conservation of Mass
SCI.9.1.3.3.c	Describe the products of radioactive decay in terms of the conservation of matter and energy (e.g., a radioactive nucleus decays into a new nucleus and emits particles and rays).	Nuclear Reactions
SCI.9.1.3.3.c	Describe the products of radioactive decay in terms of the conservation of matter and energy (e.g., a radioactive nucleus decays into a new nucleus and emits particles and rays).	Radioactivity
SCI.9.1.3.3.d	Recognize and explain that the rate of radioactive decay of a substance is constant, not affected by any factors (e.g., the half-life of a radioactive substance is constant over a long time and a wide range of conditions found on Earth).	Radioactivity
SCI.9.1.3.4.c	Describe the causes and effects of volcanoes, hot spots, and earthquakes in Washington State and elsewhere (e.g., subduction of the Juan de Fuca plate causes earthquakes that may cause seismic sea waves; earthquakes along the Seattle fault cause P, S, and surface seismic waves).	Magnetic Fields in Space
SCI.9.1.3.5.a	Explain how decay rates of radioactive materials in rock layers are used to establish the age of fossil remains or the time of geologic events.	Radioactivity
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Carbon Dioxide and Global Warming
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Heat Engines
SCI.9.1.3.6.a	Explain how energy transfers and transformations among the atmosphere, hydrosphere, and landforms affect climate and weather patterns.	Magnetic Fields in Space

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SCI.9.1.3.6.b	Explain how greenhouse gases in the atmosphere affect climate (e.g., global warming).	Carbon Dioxide and Global Warming
SCI.9.1.3.8.a	Describe how organisms sustain life by obtaining, transporting, transforming, releasing, and eliminating matter and energy.	Heat Engines
SCI.9.1.3.8.b	Describe how energy is transferred and transformed from the Sun to energy-rich molecules during photosynthesis.	Heat Engines
SCI.9.2.1.1.a	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Electric Current
SCI.9.2.1.1.a	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	The Periodic Table
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Experiment: Kepler's Second Law
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Experiment: Water Acidity and the Environment
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Magnetic Fields in Space
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	The Periodic Table
SCI.9.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	The Scientific Method
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Pressure in Gases
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Water Acidity and the Environment
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Magnetic Fields in Space
SCI.9.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	The Scientific Method
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Pressure in Gases
SCI.9.2.1.2.b.3	controlled variables	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.3	controlled variables	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.3	controlled variables	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.3	controlled variables	Experiment: Pressure in Gases
SCI.9.2.1.2.b.3	controlled variables	The Scientific Method
SCI.9.2.1.2.b.4	one manipulated variable	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.4	one manipulated variable	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.4	one manipulated variable	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.4	one manipulated variable	Experiment: Pressure in Gases
SCI.9.2.1.2.b.4	one manipulated variable	The Scientific Method

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SCI.9.2.1.2.b.5	responding (dependent) variable	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.5	responding (dependent) variable	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.5	responding (dependent) variable	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.5	responding (dependent) variable	Experiment: Pressure in Gases
SCI.9.2.1.2.b.5	responding (dependent) variable	The Scientific Method
SCI.9.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Motion Graphs
SCI.9.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Pressure in Gases
SCI.9.2.1.2.b.7	multiple trials	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.7	multiple trials	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.7	multiple trials	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.7	multiple trials	Experiment: Pressure in Gases
SCI.9.2.1.2.b.8	experimental control condition when appropriate	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.8	experimental control condition when appropriate	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.8	experimental control condition when appropriate	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.8	experimental control condition when appropriate	Experiment: Pressure in Gases
SCI.9.2.1.2.b.9	additional validity measures	Experiment: Electrostatic Investigations
SCI.9.2.1.2.b.9	additional validity measures	Experiment: Graphing Changes of State
SCI.9.2.1.2.b.9	additional validity measures	Experiment: Kepler's Second Law
SCI.9.2.1.2.b.9	additional validity measures	Experiment: Pressure in Gases
SCI.9.2.1.2.c.2	Select observable or measurable variables related to the investigative question	The Scientific Method
SCI.9.2.1.3.a	Generate a scientific conclusion, including supporting data from an investigation, using inferential logic. (e.g., The fertilizer did help the plants grow faster, but had little effect on the number of seeds that germinated. With the fertilizer, the plants matured 35 days sooner than plants without the fertilizer. Almost all of the 30 seeds used germinated, 13 seeds in the fertilized soil and 14 seeds in the soil without fertilizer.)	Experiment: Half-Life
SCI.9.2.1.3.a	Generate a scientific conclusion, including supporting data from an investigation, using inferential logic. (e.g., The fertilizer did help the plants grow faster, but had little effect on the number of seeds that germinated. With the fertilizer, the plants matured 35 days sooner than plants without the fertilizer. Almost all of the 30 seeds used germinated, 13 seeds in the fertilized soil and 14 seeds in the soil without fertilizer.)	The Periodic Table

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SCI.9.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Experiment: Half-Life
SCI.9.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	Experiment: Kepler's Second Law
SCI.9.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	Experiment: Water Acidity and the Environment
SCI.9.2.1.3.e	Explain the difference between evidence (data) and conclusions.	Experiment: Half-Life
SCI.9.2.1.3.e	Explain the difference between evidence (data) and conclusions.	The Periodic Table
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Experiment: Kepler's Second Law
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Experiment: Water Acidity and the Environment
SCI.9.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Radioactivity
SCI.9.2.1.5.b.2	materials used in the investigation	Electric Current
SCI.9.2.1.5.b.3	observations, data, results	Experiment: Making Observations
SCI.9.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Experiment: Half-Life
SCI.9.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Experiment: Insulation
SCI.9.2.1.5.c	Describe the difference between an objective summary of data and an inference made from data.	The Periodic Table
SCI.9.2.1.5.d	Compare the effectiveness of different graphics and tables to describe patterns, explanations, conclusions, and implications found in investigations.	Experiment: Graphing Changes of State
SCI.9.2.1.5.d	Compare the effectiveness of different graphics and tables to describe patterns, explanations, conclusions, and implications found in investigations.	Experiment: Half-Life
SCI.9.2.1.5.d	Compare the effectiveness of different graphics and tables to describe patterns, explanations, conclusions, and implications found in investigations.	Experiment: Motion Graphs
SCI.9.2.2.1.a	Explain why honesty ensures the integrity of scientific investigations (e.g., explanations in the absence of credible evidence, questionable results, conclusions or explanations inconsistent with established theories).	Experiment: Half-Life
SCI.9.2.2.1.b	Explain why a claim or a conclusion is flawed (e.g., limited data, lack of controls, weak logic).	Experiment: Half-Life
SCI.9.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Carbon Dioxide and Water Acidity
SCI.9.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Motion Graphs
SCI.9.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Pressure in Gases

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SCI.9.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: The Cabbage Indicator
SCI.9.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	Experiment: Kepler's Second Law
SCI.9.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	Experiment: Water Acidity and the Environment
SCI.9.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	The Periodic Table
SCI.9.2.2.3.b	Explain whether sufficient data has been obtained to make an explanation or conclusion (e.g., reference previous and current research; incorporate scientific concepts, principles, and theories).	Experiment: Half-Life
SCI.9.2.2.3.c	Explain why results from a single investigation or demonstration are not conclusive about a phenomenon.	Experiment: Half-Life
SCI.9.2.2.4.b	Explain how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	The Periodic Table
SCI.9.2.2.4.e	Explain how to improve the validity of an investigation (e.g., control more variables, better measuring techniques, increased sample size, control for sample bias, include experimental control condition when appropriate, include a placebo group when appropriate).	Experiment: Pressure in Gases
SCI.9.2.2.5.c	Explain how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	The Periodic Table
SCI.9.2.2.5.f	Use new tools to investigate a system to discover new facts about the system that lead to new ideas and questions.	Experiment: Electrostatic Investigations
SCI.9.3.1.1.e	Describe a change that could improve a tool or a technology.	Experiment: Electrostatic Investigations
SCI.9.3.1.1.e	Describe a change that could improve a tool or a technology.	Experiment: Graphing Changes of State
SCI.9.3.1.1.e	Describe a change that could improve a tool or a technology.	Experiment: Pressure in Gases
SCI.9.3.1.1.e	Describe a change that could improve a tool or a technology.	Kepler and the Motion of the Spheres
SCI.9.3.1.2.a.3	explore ideas	Experiment: Making Observations
SCI.9.3.1.2.a.3	explore ideas	The Scientific Method
SCI.9.3.2.3.a	Research and report on educational requirements associated with an occupation(s)/career(s) of interest.	What is Science?
SCI.9.3.2.3.b	Examine the scientific, mathematical, and technological knowledge, training, and experience needed for occupational/career areas of interest.	Experiment: Graphing Changes of State
SCI.9.3.2.3.b	Examine the scientific, mathematical, and technological knowledge, training, and experience needed for occupational/career areas of interest.	Experiment: Pressure in Gases
SCI.9.3.2.3.b	Examine the scientific, mathematical, and technological knowledge, training, and experience needed for occupational/career areas of interest.	Kepler and the Motion of the Spheres
SCI.9.3.2.3.b	Examine the scientific, mathematical, and technological knowledge, training, and experience needed for occupational/career areas of interest.	What is Science?

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SCI.9.3.2.4.b	Explain how human activities affect Earth's capacity to sustain biological diversity (e.g., global warming, ozone depletion).	Fossil Fuels, Acid Rain and Ocean Acidification
Grade:	Grade 10	
Section	Description	Lesson Title
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Acids and Bases
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Archimedes' Principle and Flotation
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Compounds
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Electrical Conductivity in Solids
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Experiment: Comparing Hardness and Density of Solids
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Experiment: Identifying an Unknown
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Experiment: Viscosity
SCI.10.1.1.1.a	Identify an unknown substance using the substance's physical and chemical properties.	Mixtures
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Archimedes' Principle and Flotation
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Elasticity and Strength in Solids
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Electrical Conductivity in Solids
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Elements and Their Properties
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Experiment: Comparing Hardness and Density of Solids
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Experiment: Kepler's Second Law
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Experiment: Viscosity
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Experiment: Water Acidity and the Environment
SCI.10.1.1.1.b	Explain and predict the behavior of a substance based upon the substance's atomic structure, physical properties, and chemical properties.	Properties of Solids
SCI.10.1.1.1.c	Describe the properties of electrons, protons, and neutrons (i.e., electrons have negative charge and very little mass, protons have positive charge and much mass, neutrons have neutral charge and the same mass as protons).	Experiment: Electrostatic Investigations

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SCI.10.1.1.1.c	Describe the properties of electrons, protons, and neutrons (i.e., electrons have negative charge and very little mass, protons have positive charge and much mass, neutrons have neutral charge and the same mass as protons).	The Atomic Model
SCI.10.1.1.1.c	Describe the properties of electrons, protons, and neutrons (i.e., electrons have negative charge and very little mass, protons have positive charge and much mass, neutrons have neutral charge and the same mass as protons).	The History of Atomic Theory
SCI.10.1.1.1.d	Explain how changing the number of electrons, neutrons, and protons of an atom affects that atom, including atomic name, number, and placement on the periodic table.	The Periodic Table
SCI.10.1.1.1.d	Explain how changing the number of electrons, neutrons, and protons of an atom affects that atom, including atomic name, number, and placement on the periodic table.	Trends on the Periodic Table
SCI.10.1.1.1.e	Explain the similar properties of elements in a vertical column (groups or families) of the periodic table.	Archimedes' Principle and Flotation
SCI.10.1.1.1.e	Explain the similar properties of elements in a vertical column (groups or families) of the periodic table.	The Periodic Table
SCI.10.1.1.1.e	Explain the similar properties of elements in a vertical column (groups or families) of the periodic table.	Trends on the Periodic Table
SCI.10.1.1.1.f	Predict the properties of an element based on the element's location (groups or families) on the periodic table.	Archimedes' Principle and Flotation
SCI.10.1.1.1.f	Predict the properties of an element based on the element's location (groups or families) on the periodic table.	Experiment: Kepler's Second Law
SCI.10.1.1.1.f	Predict the properties of an element based on the element's location (groups or families) on the periodic table.	Experiment: Water Acidity and the Environment
SCI.10.1.1.1.f	Predict the properties of an element based on the element's location (groups or families) on the periodic table.	The Periodic Table
SCI.10.1.1.1.f	Predict the properties of an element based on the element's location (groups or families) on the periodic table.	Trends on the Periodic Table
SCI.10.1.1.3.a	Describe the relationship between the wave properties of amplitude and frequency and the energy of a wave (e.g., loud vs. soft sound, high vs. low pitch sound, bright vs. dim light, blue light vs. red light).	Beats, Resonance, and Harmonics
SCI.10.1.1.3.a	Describe the relationship between the wave properties of amplitude and frequency and the energy of a wave (e.g., loud vs. soft sound, high vs. low pitch sound, bright vs. dim light, blue light vs. red light).	Detecting Sound
SCI.10.1.1.3.a	Describe the relationship between the wave properties of amplitude and frequency and the energy of a wave (e.g., loud vs. soft sound, high vs. low pitch sound, bright vs. dim light, blue light vs. red light).	Experiment: Changing the Speed of a Wave
SCI.10.1.1.3.a	Describe the relationship between the wave properties of amplitude and frequency and the energy of a wave (e.g., loud vs. soft sound, high vs. low pitch sound, bright vs. dim light, blue light vs. red light).	Experiment: Pressure in Gases

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SCI.10.1.1.3.a	Describe the relationship between the wave properties of amplitude and frequency and the energy of a wave (e.g., loud vs. soft sound, high vs. low pitch sound, bright vs. dim light, blue light vs. red light).	Properties of Waves
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Detecting Sound
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Doppler Effect
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Experiment: Changing the Speed of a Wave
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Experiment: Pressure in Gases
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Properties of Waves
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Sound Vibrations
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	The Behavior of Waves
SCI.10.1.1.3.b	Explain the relationship between a wave's speed and the properties of the substance through which the waves travels (e.g., all sound regardless of loudness and pitch travels at the same speed in the same air; a wave changes speed only when traveling from one substance to another).	Types of Waves

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SCI.10.1.1.3.c	Predict and explain what happens to the pitch of sound and color of light as the wave frequency increases or decreases.	Beats, Resonance, and Harmonics
SCI.10.1.1.3.c	Predict and explain what happens to the pitch of sound and color of light as the wave frequency increases or decreases.	Detecting Sound
SCI.10.1.1.3.c	Predict and explain what happens to the pitch of sound and color of light as the wave frequency increases or decreases.	Experiment: Changing the Speed of a Wave
SCI.10.1.1.3.d	Compare the properties of light waves, sound waves, and water waves.	Doppler Effect
SCI.10.1.1.3.d	Compare the properties of light waves, sound waves, and water waves.	Experiment: Law of Reflection
SCI.10.1.1.3.d	Compare the properties of light waves, sound waves, and water waves.	Experiment: Using Vibrations to Produce Sound
SCI.10.1.1.3.d	Compare the properties of light waves, sound waves, and water waves.	Properties of Light
SCI.10.1.1.3.d	Compare the properties of light waves, sound waves, and water waves.	The Behavior of Waves
SCI.10.1.1.3.d	Compare the properties of light waves, sound waves, and water waves.	Waves and Energy Transfer
SCI.10.1.1.3.e	Describe the effects of wave interference (constructive and destructive).	The Behavior of Waves
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Conservation of Energy
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Doppler Effect
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Electrical Energy and Power
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Experiment: Using Vibrations to Produce Sound
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Forms of Energy
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Mechanical Energy
SCI.10.1.1.4.a	Explain the forms of energy present in a system (i.e., thermal energy, sound energy, light energy, electrical energy, kinetic energy, potential energy, chemical energy, and nuclear energy).	Nuclear Energy

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SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Conservation of Energy
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Experiment: Inclined Planes
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Forms of Energy
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Friction
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Inclined Planes, Wedges, and Screws
SCI.10.1.1.4.b	Compare the potential and/or kinetic energy of parts of systems at various locations or times (i.e., kinetic energy is an object's energy of motion; potential energy is an object's energy of position).	Mechanical Energy
SCI.10.1.1.4.c	Measure and describe the thermal energy of a system, subsystem, and/or parts of a system in terms of molecular motion (temperature) and energy from a phase change (e.g., observe, measure, and record temperature changes over time while heating ice to boiling water).	Experiment: Graphing Changes of State
SCI.10.1.1.4.c	Measure and describe the thermal energy of a system, subsystem, and/or parts of a system in terms of molecular motion (temperature) and energy from a phase change (e.g., observe, measure, and record temperature changes over time while heating ice to boiling water).	States of Matter
SCI.10.1.2.1.a	Explain the interconnections between a system's parts or subsystems.	Experiment: Pressure in Gases
SCI.10.1.2.2.a	Distinguish conditions likely to result in transfers or transformations of energy from one part of a system to another (e.g., a temperature difference may result in the flow of thermal energy from a hot area to a cold area).	Heat Engines
SCI.10.1.2.2.a	Distinguish conditions likely to result in transfers or transformations of energy from one part of a system to another (e.g., a temperature difference may result in the flow of thermal energy from a hot area to a cold area).	Pulleys; Wheels and Axles
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	Conservation of Energy
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	Experiment: Conservation of Energy

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SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	Forms of Energy
SCI.10.1.2.2.b	Describe what happens in terms of energy conservation to a system's total energy as energy is transferred or transformed (e.g., energy is never "lost," the sum of kinetic and potential energy remains somewhat constant).	Heat Engines
SCI.10.1.2.2.c	Explain the relationship between the motion of particles in a substance and the transfer or transformation of thermal and electrical energy (e.g., conduction of thermal and electrical energy as particles collide or interact, convection of thermal energy as groups of particles move from one place to another, and light waves transforming into thermal energy).	Heat Engines
SCI.10.1.2.2.c	Explain the relationship between the motion of particles in a substance and the transfer or transformation of thermal and electrical energy (e.g., conduction of thermal and electrical energy as particles collide or interact, convection of thermal energy as groups of particles move from one place to another, and light waves transforming into thermal energy).	Heat Flow
SCI.10.1.2.2.c	Explain the relationship between the motion of particles in a substance and the transfer or transformation of thermal and electrical energy (e.g., conduction of thermal and electrical energy as particles collide or interact, convection of thermal energy as groups of particles move from one place to another, and light waves transforming into thermal energy).	Heating Systems
SCI.10.1.2.2.d	Explain how or whether a phase change, a chemical reaction, or a nuclear reaction absorbs or releases energy in a system (e.g., water vapor forming rain or snow releases energy; water molecules speed up as they absorb energy until the molecules gain enough energy to become water vapor).	Changes of State
SCI.10.1.2.2.d	Explain how or whether a phase change, a chemical reaction, or a nuclear reaction absorbs or releases energy in a system (e.g., water vapor forming rain or snow releases energy; water molecules speed up as they absorb energy until the molecules gain enough energy to become water vapor).	Chemical Reactions and Conservation of Mass
SCI.10.1.2.2.d	Explain how or whether a phase change, a chemical reaction, or a nuclear reaction absorbs or releases energy in a system (e.g., water vapor forming rain or snow releases energy; water molecules speed up as they absorb energy until the molecules gain enough energy to become water vapor).	Experiment: Chemical Changes
SCI.10.1.2.2.d	Explain how or whether a phase change, a chemical reaction, or a nuclear reaction absorbs or releases energy in a system (e.g., water vapor forming rain or snow releases energy; water molecules speed up as they absorb energy until the molecules gain enough energy to become water vapor).	Experiment: Graphing Changes of State

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SCI.10.1.2.2.d	Explain how or whether a phase change, a chemical reaction, or a nuclear reaction absorbs or releases energy in a system (e.g., water vapor forming rain or snow releases energy; water molecules speed up as they absorb energy until the molecules gain enough energy to become water vapor).	Nuclear Energy
SCI.10.1.2.2.d	Explain how or whether a phase change, a chemical reaction, or a nuclear reaction absorbs or releases energy in a system (e.g., water vapor forming rain or snow releases energy; water molecules speed up as they absorb energy until the molecules gain enough energy to become water vapor).	States of Matter
SCI.10.1.2.2.d	Explain how or whether a phase change, a chemical reaction, or a nuclear reaction absorbs or releases energy in a system (e.g., water vapor forming rain or snow releases energy; water molecules speed up as they absorb energy until the molecules gain enough energy to become water vapor).	Types of Chemical Reactions
SCI.10.1.2.3.a	Describe molecules forming a solution (e.g., salt added to water dissolves, forming a salt water solution, until saturation when no more salt will dissolve).	Electric Charges
SCI.10.1.2.3.a	Describe molecules forming a solution (e.g., salt added to water dissolves, forming a salt water solution, until saturation when no more salt will dissolve).	Solutions - The Dissolving Process
SCI.10.1.2.3.b	Describe how to separate mixtures and or solutions of several different kinds of substances (e.g., sand, sugar, iron filings).	Electric Charges
SCI.10.1.2.3.b	Describe how to separate mixtures and or solutions of several different kinds of substances (e.g., sand, sugar, iron filings).	Experiment: Separating a Mixture
SCI.10.1.2.3.b	Describe how to separate mixtures and or solutions of several different kinds of substances (e.g., sand, sugar, iron filings).	Mixtures
SCI.10.1.2.3.b	Describe how to separate mixtures and or solutions of several different kinds of substances (e.g., sand, sugar, iron filings).	Separating Mixtures
SCI.10.1.2.3.c	Describe the structure of atoms in terms of protons and neutrons forming the nucleus, which is surrounded by electrons (e.g., a helium atom usually has a nucleus formed by 2 protons and 2 neutrons, which is surrounded by 2 electrons).	The Atomic Model
SCI.10.1.2.3.c	Describe the structure of atoms in terms of protons and neutrons forming the nucleus, which is surrounded by electrons (e.g., a helium atom usually has a nucleus formed by 2 protons and 2 neutrons, which is surrounded by 2 electrons).	The History of Atomic Theory
SCI.10.1.2.3.d	Describe how atoms bond to form molecules in terms of transferring and/or sharing electrons (e.g., sodium atoms transfer an electron to chlorine atoms to form salt).	Atomic Structure and Bonding
SCI.10.1.2.3.d	Describe how atoms bond to form molecules in terms of transferring and/or sharing electrons (e.g., sodium atoms transfer an electron to chlorine atoms to form salt).	Chemical Bonding

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SCI.10.1.2.5.b	Compare how stars and other celestial bodies (at least 100 billion) are similar and different from each other (i.e., size, composition, distance from the Earth, temperature, age, source of light, and movement in space).	Experiment: Kepler's Second Law
SCI.10.1.2.5.b	Compare how stars and other celestial bodies (at least 100 billion) are similar and different from each other (i.e., size, composition, distance from the Earth, temperature, age, source of light, and movement in space).	The Periodic Table
SCI.10.1.2.5.b	Compare how stars and other celestial bodies (at least 100 billion) are similar and different from each other (i.e., size, composition, distance from the Earth, temperature, age, source of light, and movement in space).	The Temperature of Stars
SCI.10.1.3.7.a	Explain phenomena caused by the regular and predictable motions of planets and moons in the Solar System.	Experiment: Kepler's Second Law
SCI.10.1.3.7.d	Describe the formation and life cycle of stars.	Atomic Spectra and Moving Stars
SCI.10.1.3.7.d	Describe the formation and life cycle of stars.	The Temperature of Stars
SCI.10.1.3.7.e	Describe the properties of different stars (e.g., size, temperature, age, formation, energy production).	Atomic Spectra and Moving Stars
SCI.10.1.3.7.e	Describe the properties of different stars (e.g., size, temperature, age, formation, energy production).	Magnetic Fields in Space
SCI.10.1.3.7.e	Describe the properties of different stars (e.g., size, temperature, age, formation, energy production).	The Temperature of Stars
SCI.10.2.1.1.a	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	Electric Current
SCI.10.2.1.1.a	Generate a new question that can be investigated with the same materials and/or data as a given investigation.	The Periodic Table
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Experiment: Kepler's Second Law
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Experiment: Water Acidity and the Environment
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	Magnetic Fields in Space
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	The Periodic Table
SCI.10.2.1.2.a	Make a hypothesis about the results of an investigation that includes a prediction with a cause-effect reason.	The Scientific Method
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Pressure in Gases
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Experiment: Water Acidity and the Environment
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	Magnetic Fields in Space
SCI.10.2.1.2.b.1	hypothesis (prediction with cause-effect reason)	The Scientific Method
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.2	appropriate materials, tools, and available computer technology	Experiment: Pressure in Gases

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SCI.10.2.1.2.b.3	controlled variables	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.3	controlled variables	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.3	controlled variables	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.3	controlled variables	Experiment: Pressure in Gases
SCI.10.2.1.2.b.3	controlled variables	The Scientific Method
SCI.10.2.1.2.b.4	one manipulated variable	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.4	one manipulated variable	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.4	one manipulated variable	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.4	one manipulated variable	Experiment: Pressure in Gases
SCI.10.2.1.2.b.4	one manipulated variable	The Scientific Method
SCI.10.2.1.2.b.5	responding (dependent) variable	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.5	responding (dependent) variable	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.5	responding (dependent) variable	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.5	responding (dependent) variable	Experiment: Pressure in Gases
SCI.10.2.1.2.b.5	responding (dependent) variable	The Scientific Method
SCI.10.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Motion Graphs
SCI.10.2.1.2.b.6	gather, record, and organize data using appropriate units, charts, and/or graphs	Experiment: Pressure in Gases
SCI.10.2.1.2.b.7	multiple trials	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.7	multiple trials	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.7	multiple trials	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.7	multiple trials	Experiment: Pressure in Gases
SCI.10.2.1.2.b.8	experimental control condition when appropriate	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.8	experimental control condition when appropriate	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.8	experimental control condition when appropriate	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.8	experimental control condition when appropriate	Experiment: Pressure in Gases
SCI.10.2.1.2.b.9	additional validity measures	Experiment: Electrostatic Investigations
SCI.10.2.1.2.b.9	additional validity measures	Experiment: Graphing Changes of State
SCI.10.2.1.2.b.9	additional validity measures	Experiment: Kepler's Second Law
SCI.10.2.1.2.b.9	additional validity measures	Experiment: Pressure in Gases
SCI.10.2.1.2.c.2	Select observable or measurable variables related to the investigative question	The Scientific Method

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SCI.10.2.1.3.a	Generate a scientific conclusion, including supporting data from an investigation, using inferential logic. (e.g., The fertilizer did help the plants grow faster, but had little effect on the number of seeds that germinated. With the fertilizer, the plants matured 35 days sooner than plants without the fertilizer. Almost all of the 30 seeds used germinated, 13 seeds in the fertilized soil and 14 seeds in the soil without fertilizer.)	Experiment: Half-Life
SCI.10.2.1.3.a	Generate a scientific conclusion, including supporting data from an investigation, using inferential logic. (e.g., The fertilizer did help the plants grow faster, but had little effect on the number of seeds that germinated. With the fertilizer, the plants matured 35 days sooner than plants without the fertilizer. Almost all of the 30 seeds used germinated, 13 seeds in the fertilized soil and 14 seeds in the soil without fertilizer.)	The Periodic Table
SCI.10.2.1.3.b	Describe a reason for a given conclusion using evidence from an investigation.	Experiment: Half-Life
SCI.10.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	Experiment: Kepler's Second Law
SCI.10.2.1.3.d	Predict and explain what logically might occur if an investigation lasted longer or changed.	Experiment: Water Acidity and the Environment
SCI.10.2.1.3.e	Explain the difference between evidence (data) and conclusions.	Experiment: Half-Life
SCI.10.2.1.3.e	Explain the difference between evidence (data) and conclusions.	The Periodic Table
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Experiment: Kepler's Second Law
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Experiment: Water Acidity and the Environment
SCI.10.2.1.4.c	Create a physical, conceptual, and/or mathematical (computer simulation) model to investigate, predict, and explain the behavior of objects, events, systems, or processes (e.g., DNA replication).	Radioactivity
SCI.10.2.1.5.b.2	materials used in the investigation	Electric Current
SCI.10.2.1.5.b.3	observations, data, results	Experiment: Making Observations
SCI.10.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Experiment: Half-Life
SCI.10.2.1.5.b.4	explanations and conclusions in written, mathematical, oral, and information technology presentation formats	Experiment: Insulation
SCI.10.2.1.5.b.6	safety procedures used	Experiment: Electrostatic Investigations
SCI.10.2.1.5.b.6	safety procedures used	Experiment: Graphing Changes of State
SCI.10.2.1.5.b.6	safety procedures used	Experiment: Kepler's Second Law
SCI.10.2.1.5.b.6	safety procedures used	Experiment: Pressure in Gases
SCI.10.2.1.5.d	Compare the effectiveness of different graphics and tables to describe patterns, explanations, conclusions, and implications found in investigations.	Experiment: Graphing Changes of State

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SCI.10.2.1.5.d	Compare the effectiveness of different graphics and tables to describe patterns, explanations, conclusions, and implications found in investigations.	Experiment: Half-Life
SCI.10.2.1.5.d	Compare the effectiveness of different graphics and tables to describe patterns, explanations, conclusions, and implications found in investigations.	Experiment: Motion Graphs
SCI.10.2.2.1.a	Explain why honesty ensures the integrity of scientific investigations (e.g., explanations in the absence of credible evidence, questionable results, conclusions or explanations inconsistent with established theories).	Experiment: Half-Life
SCI.10.2.2.1.b	Explain why a claim or a conclusion is flawed (e.g., limited data, lack of controls, weak logic).	Experiment: Half-Life
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Carbon Dioxide and Water Acidity
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Density Column
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Determining Density
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Determining Volume
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Motion Graphs
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: Pressure in Gases
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Experiment: The Cabbage Indicator
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Mass and Density
SCI.10.2.2.1.c	Explain why scientists are expected to accurately and honestly record, report, and share observations and measurements without bias.	Scales
SCI.10.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	Experiment: Kepler's Second Law
SCI.10.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	Experiment: Water Acidity and the Environment
SCI.10.2.2.2.b	Describe a theory that best explains and predicts phenomena and investigative results.	The Periodic Table
SCI.10.2.2.3.b	Explain whether sufficient data has been obtained to make an explanation or conclusion (e.g., reference previous and current research; incorporate scientific concepts, principles, and theories).	Experiment: Half-Life
SCI.10.2.2.3.c	Explain why results from a single investigation or demonstration are not conclusive about a phenomenon.	Experiment: Half-Life
SCI.10.2.2.4.a	Describe how the methods of an investigation ensured reliable results.	The Scientific Method

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SCI.10.2.2.4.b	Explain how to increase the reliability of the results of an investigation (e.g., repeating an investigation exactly the same way increases the reliability of the results).	The Periodic Table
SCI.10.2.2.4.e	Explain how to improve the validity of an investigation (e.g., control more variables, better measuring techniques, increased sample size, control for sample bias, include experimental control condition when appropriate, include a placebo group when appropriate).	Experiment: Determining Volume
SCI.10.2.2.4.e	Explain how to improve the validity of an investigation (e.g., control more variables, better measuring techniques, increased sample size, control for sample bias, include experimental control condition when appropriate, include a placebo group when appropriate).	Experiment: Pressure in Gases
SCI.10.2.2.5.b	Explain how results of scientific inquiry may change our understanding of the systems of the natural and constructed world.	The Periodic Table
SCI.10.2.2.5.e	Use new tools to investigate a system to discover new facts about the system that lead to new ideas and questions.	Experiment: Electrostatic Investigations
SCI.10.3.1.1.e	Describe a change that could improve a tool or a technology.	Experiment: Electrostatic Investigations
SCI.10.3.1.1.e	Describe a change that could improve a tool or a technology.	Experiment: Graphing Changes of State
SCI.10.3.1.1.e	Describe a change that could improve a tool or a technology.	Experiment: Pressure in Gases
SCI.10.3.1.1.e	Describe a change that could improve a tool or a technology.	Kepler and the Motion of the Spheres
SCI.10.3.1.2.a.3	explore ideas	Experiment: Making Observations
SCI.10.3.1.2.a.3	explore ideas	The Scientific Method
SCI.10.3.2.3.a	Research and report on educational requirements associated with an occupation(s)/career(s) of interest.	What is Science?
SCI.10.3.2.3.b	Examine the scientific, mathematical, and technological knowledge, training, and experience needed for occupational/career areas of interest.	What is Science?
SCI.10.3.2.4.b	Explain how human activities affect Earth's capacity to sustain biological diversity (e.g., global warming, ozone depletion).	Fossil Fuels, Acid Rain and Ocean Acidification
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 9-12	
Section	Description	Lesson Title
SCI.9-12.1.9-12 SYSB.2	Represent the system with a diagram specifying components, boundaries, flows, and feedbacks.	Beats, Resonance, and Harmonics
SCI.9-12.1.9-12 SYSB.2	Represent the system with a diagram specifying components, boundaries, flows, and feedbacks.	The Behavior of Waves
SCI.9-12.1.9-12 SYSC.1	Create a simplified model of a complex system. Trace the possible consequences of a change in one part of the system and explain how the simplified model may not be adequate to reliably predict consequences.	Experiment: Kepler's Second Law
SCI.9-12.1.9-12 SYSC.1	Create a simplified model of a complex system. Trace the possible consequences of a change in one part of the system and explain how the simplified model may not be adequate to reliably predict consequences.	Experiment: Water Acidity and the Environment

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SCI.9-12.2.9-12 INQA.1	Generate and evaluate a question that can be answered through a scientific investigation. Critique questions generated by others and explain whether or not the questions are scientific.	What is Science?
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Electrostatic Investigations
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Graphing Changes of State
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Kepler's Second Law
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Pressure in Gases
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	What is Science?
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Experiment: Graphing Changes of State
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Experiment: Pressure in Gases
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Kepler and the Motion of the Spheres
SCI.9-12.2.9-12 INQB.2	Collect, analyze, and display data using calculators, computers, or other technical devices when available.	Mass and Density
SCI.9-12.2.9-12 INQC.1	Draw conclusions supported by evidence from the investigation and consistent with established scientific knowledge.	Experiment: Half-Life
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	The Periodic Table
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Graphing Changes of State
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Half-Life
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Making Observations
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Motion Graphs

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SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	The Periodic Table
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	The Scientific Method
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	Experiment: Making Observations
SCI.9-12.2.9-12 INQE.1	Formulate one or more hypotheses based on a model or theory of a causal relationship. Demonstrate creativity and critical thinking to formulate and evaluate the hypotheses.	The Scientific Method
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	The Periodic Table
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	The Periodic Table
SCI.9-12.3.9-12 APPA.1	Describe ways that scientific ideas have influenced society or the development of differing cultures.	What is Science?
SCI.9-12.3.9-12 APPD.1	Use proportional reasoning, functions, graphing, and estimation to solve problems.	Experiment: Graphing Changes of State
SCI.9-12.3.9-12 APPD.1	Use proportional reasoning, functions, graphing, and estimation to solve problems.	Experiment: Motion Graphs
SCI.9-12.4.9-11 PS1A.1	Calculate the average velocity of a moving object, given the object's change in position and time. ($v = \frac{x_2 - x_1}{t_2 - t_1}$)	Forms of Energy
SCI.9-12.4.9-11 PS1A.2	Explain how two objects moving at the same speed can have different velocities.	Acceleration
SCI.9-12.4.9-11 PS1A.2	Explain how two objects moving at the same speed can have different velocities.	Momentum
SCI.9-12.4.9-11 PS1A.2	Explain how two objects moving at the same speed can have different velocities.	Motion Graphs
SCI.9-12.4.9-11 PS1A.2	Explain how two objects moving at the same speed can have different velocities.	Speed and Velocity
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Acceleration
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Centripetal Force
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Momentum
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Motion Graphs
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Speed and Velocity

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SCI.9-12.4.9-11 PS1B.2	Explain how an object moving at constant speed can be accelerating.	Acceleration
SCI.9-12.4.9-11 PS1B.2	Explain how an object moving at constant speed can be accelerating.	Centripetal Force
SCI.9-12.4.9-11 PS1B.2	Explain how an object moving at constant speed can be accelerating.	Motion Graphs
SCI.9-12.4.9-11 PS1C.1	Given specific scenarios, compare the motion of an object acted on by balanced forces with the motion of an object acted on by unbalanced forces.	Experiment: Inclined Planes
SCI.9-12.4.9-11 PS1C.1	Given specific scenarios, compare the motion of an object acted on by balanced forces with the motion of an object acted on by unbalanced forces.	Friction
SCI.9-12.4.9-11 PS1C.1	Given specific scenarios, compare the motion of an object acted on by balanced forces with the motion of an object acted on by unbalanced forces.	Inclined Planes, Wedges, and Screws
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Acceleration
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Centripetal Force
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Experiment: Water Acidity and the Environment
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Forces
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Friction
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Motion Graphs
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Newton's Laws
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Work
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Acceleration
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Centripetal Force
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Forces
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Friction
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Motion Graphs
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Work

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SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Centripetal Force
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Experiment: Propulsion
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Forces
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Friction
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Newton's Laws
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Work
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Experiment: Water Acidity and the Environment
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Forces
SCI.9-12.4.9-11 PS1F.2	Explain how the weight of an object can change while its mass remains constant.	Mass and Density
SCI.9-12.4.9-11 PS1G.1	Predict whether two charged objects will attract or repel each other, and explain why.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 PS1G.1	Predict whether two charged objects will attract or repel each other, and explain why.	Experiment: Water Acidity and the Environment
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Electric Current
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Experiment: Diverting a Magnetic Field
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Magnetism
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Magnetism and Electricity
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Electric Current

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SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Experiment: Diverting a Magnetic Field
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Magnetism
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Experiment: Electrostatic Investigations
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	The Atomic Model
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	The History of Atomic Theory
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Archimedes' Principle and Flotation
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Experiment: Water Acidity and the Environment
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	The Periodic Table
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Trends on the Periodic Table
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	The Periodic Table
SCI.9-12.4.9-11 PS2C.2	Explain the arrangement of the elements on the Periodic Table, including the significant relationships among elements in a given column or row.	Trends on the Periodic Table
SCI.9-12.4.9-11 PS2D.1	Explain how ions and ionic bonds are formed (e.g., sodium atoms lose an electron and chlorine atoms gain an electron, then the charged ions are attracted to each other and form bonds).	Electric Charges
SCI.9-12.4.9-11 PS2D.2	Explain the meaning of a chemical formula for an ionic array (e.g., NaCl).	Compounds
SCI.9-12.4.9-11 PS2E.1	Give examples to illustrate that molecules are groups of two or more atoms bonded together (e.g., a molecule of water is formed when one oxygen atom shares electrons with two hydrogen atoms).	The Atomic Model
SCI.9-12.4.9-11 PS2E.2	Explain the meaning of a chemical formula for a molecule (e.g., CH ₄ or H ₂ O).	Compounds
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Atomic Structure and Bonding
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Chemical Reactions and Conservation of Mass

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SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Experiment: Chemical Changes
SCI.9-12.4.9-11 PS2G.1	Describe at least three chemical reactions of particular importance to humans (e.g., burning of fossil fuels, photosynthesis, rusting of metals).	Types of Chemical Reactions
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Atomic Structure and Bonding
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Chemical Reactions and Conservation of Mass
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Experiment: Chemical Changes
SCI.9-12.4.9-11 PS2G.2	Use a chemical equation to illustrate how the atoms in molecules are arranged before and after a reaction.	Types of Chemical Reactions
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Atomic Structure and Bonding
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Chemical Reactions and Conservation of Mass
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Experiment: Chemical Changes
SCI.9-12.4.9-11 PS2G.3	Give examples of chemical reactions that either release or acquire energy and result in the formation of new substances (e.g., burning of fossil fuels releases large amounts of energy in the form of heat).	Types of Chemical Reactions
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Electric Charges
SCI.9-12.4.9-11 PS2H.1	Give examples of common solutions. Explain the differences among the processes of dissolving, melting, and reacting.	Solutions - The Dissolving Process
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Experiment: Carbon Dioxide and Water Acidity
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Experiment: Water Acidity and the Environment
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Experiment: Pressure in Gases
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Experiment: Water Acidity and the Environment

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SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Pressure and Volume in Gases
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Specific Heat Capacity
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	The Atomic Model
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	The History of Atomic Theory
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	Nuclear Reactions
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	Radioactivity
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Nuclear Energy
SCI.9-12.4.9-11 PS3A.1	Describe a situation in which energy is transferred from one place to another and explain how energy is conserved.	Conservation of Energy
SCI.9-12.4.9-11 PS3A.1	Describe a situation in which energy is transferred from one place to another and explain how energy is conserved.	Experiment: Conservation of Energy
SCI.9-12.4.9-11 PS3A.1	Describe a situation in which energy is transferred from one place to another and explain how energy is conserved.	Heat Flow
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	Conservation of Energy
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	Experiment: Conservation of Energy
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	Heat Engines
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Conservation of Energy
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Forms of Energy
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Mechanical Energy
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Momentum
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Speed and Velocity
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Conservation of Energy

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SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Forms of Energy
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Heat Engines
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Mechanical Energy
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Beats, Resonance, and Harmonics
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Experiment: Changing the Speed of a Wave
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Properties of Waves
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	The Temperature of Stars
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Types of Waves
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Waves and Energy Transfer
SCI.9-12.4.9-11 PS3D.2	Apply these properties to the pitch and volume of sound waves and to the wavelength and magnitude of water waves.	Detecting Sound
SCI.9-12.4.9-11 PS3D.2	Apply these properties to the pitch and volume of sound waves and to the wavelength and magnitude of water waves.	Doppler Effect
SCI.9-12.4.9-11 PS3D.2	Apply these properties to the pitch and volume of sound waves and to the wavelength and magnitude of water waves.	Experiment: Using Vibrations to Produce Sound
SCI.9-12.4.9-11 PS3D.2	Apply these properties to the pitch and volume of sound waves and to the wavelength and magnitude of water waves.	Properties of Waves
SCI.9-12.4.9-11 PS3D.2	Apply these properties to the pitch and volume of sound waves and to the wavelength and magnitude of water waves.	Sound Vibrations
SCI.9-12.4.9-11 PS3D.2	Apply these properties to the pitch and volume of sound waves and to the wavelength and magnitude of water waves.	The Temperature of Stars

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SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Beats, Resonance, and Harmonics
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Experiment: Changing the Speed of a Wave
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Light and the Electromagnetic Spectrum
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Properties of Waves
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	The Temperature of Stars
SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	Atomic Spectra and Moving Stars
SCI.9-12.4.9-11 ES1A.1	Connect the life cycles of stars to the production of elements through the process of nuclear fusion.	The Temperature of Stars
SCI.9-12.4.9-11 ES2B.1	Explain how the climate in the Pacific Northwest region is affected by seasonal weather patterns, as well as other factors such as the addition of greenhouse gases to the atmosphere and proximity to mountain ranges and to the ocean.	Magnetic Fields in Space
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Experiment: Carbon Dioxide and Water Acidity
SCI.9-12.4.9-11 ES2C.2	Give examples of carbon found on Earth (e.g., carbonate rocks such as limestone, in coal and oil, in the atmosphere as carbon dioxide gas, and in the tissues of all living organisms).	Magnetic Fields in Space
SCI.9-12.4.9-11 ES2D.2	Explain how human use of natural resources stress natural processes and link that use to a possible long term consequence.	Fossil Fuels, Acid Rain and Ocean Acidification
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Nuclear Reactions
SCI.9-12.4.9-11 ES3B.1	Explain how decay rates of radioactive materials in rock layers are used to establish the timing of geologic events.	Radioactivity
SCI.9-12.4.9-11 LS1B.1	Explain how the process of cellular respiration is similar to the burning of fossil fuels (e.g., both processes involve combustion of carbon-containing compounds to transform chemical energy to a different form of energy).	Heat Engines

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SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 LS1I.4	Predict the outcome of specific genetic crosses involving two characteristics.	Experiment: Water Acidity and the Environment
SCI.9-12.4.9-11 LS2A.2	Explain how matter cycles and energy flows in ecosystems, resulting in the formation of differing chemical compounds and heat.	Compounds
SCI.9-12.4.9-11 LS2D.1	Draw a systems diagram to illustrate and explain why introduced (nonnative) species often do poorly and have a tendency to die out, as well as why they sometimes do very well and force out native species.	Beats, Resonance, and Harmonics
SCI.9-12.4.9-11 LS3A.2	Predict the effect on a species if one of these factors should change.	Experiment: Kepler's Second Law
SCI.9-12.4.9-11 LS3A.2	Predict the effect on a species if one of these factors should change.	Experiment: Water Acidity and the Environment

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State:	Washington	
Standard:	Learning Standards	
Subject:	Science	
Grade:	Grades: 9-12	
Section	Description	Lesson Title
SCI.9-12.1.9-12 SYSB.1	Determine if a systems approach will be helpful in answering a question or solving a problem.	Laws of Thermodynamics
SCI.9-12.1.9-12 SYSC.1	Create a simplified model of a complex system. Trace the possible consequences of a change in one part of the system and explain how the simplified model may not be adequate to reliably predict consequences.	Report: Solar System
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Bending Waves
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Convergence
SCI.9-12.2.9-12 INQB.1	Plan and conduct a scientific investigation, choosing a method appropriate to the question being asked.	Experiment: Pulses
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Bending Waves
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Latent Heat
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Light Angles
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Making a Soda Straw Balance
SCI.9-12.2.9-12 INQC.2	Analyze alternative explanations and decide which best fits the data.	Experiment: Oleic Acid
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Making a Soda Straw Balance
SCI.9-12.2.9-12 INQD.1	Write a detailed laboratory report that includes: the question that motivated the study, a justification for the kind of investigation chosen, hypotheses (if any), a description of what was done, a summary of data in tables and graphs, and a conclusion, based on the evidence, that responds to the question.	Experiment: Oleic Acid
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Experiment: Making a Soda Straw Balance
SCI.9-12.2.9-12 INQF.1	Evaluate an investigation to determine if it was a valid means of answering the question, and whether or not the results were reliable.	Experiment: Oleic Acid
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	Experiment: Making a Soda Straw Balance
SCI.9-12.2.9-12 INQH.1	Provide appropriate citations for all ideas, findings, and information used in any and all written reports.	Experiment: Oleic Acid
SCI.9-12.3.9-12 APPA.2	List questions that scientists investigate that are stimulated by the needs of society (e.g., medical research, global climate change).	Report: Galileo

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SCI.9-12.3.9-12 APPA.2	List questions that scientists investigate that are stimulated by the needs of society (e.g., medical research, global climate change).	Report: Solar System
SCI.9-12.3.9-12 APPB.1	Work collaboratively with other students to generate ideas for solving a problem. Identify criteria and constraints, research the problem, and generate several possible solutions.	Laws of Thermodynamics
SCI.9-12.3.9-12 APPC.1	Choose the best solution for a problem, create a model or drawing of the final design, and devise a way to test it. Redesign the solution, if necessary, then present it to peers.	Laws of Thermodynamics
SCI.9-12.3.9-12 APPD.1	Use proportional reasoning, functions, graphing, and estimation to solve problems.	Laws of Thermodynamics
SCI.9-12.3.9-12 APPE.1	Analyze a societal issue that may be addressed through science and/or technology. Compare alternative solutions by considering trade-offs and unintended consequences (e.g., removing dams to increase salmon spawning).	Kepler's Laws of Planetary Motion
SCI.9-12.3.9-12 APPE.1	Analyze a societal issue that may be addressed through science and/or technology. Compare alternative solutions by considering trade-offs and unintended consequences (e.g., removing dams to increase salmon spawning).	Report: Galileo
SCI.9-12.3.9-12 APPE.1	Analyze a societal issue that may be addressed through science and/or technology. Compare alternative solutions by considering trade-offs and unintended consequences (e.g., removing dams to increase salmon spawning).	Report: Solar System
SCI.9-12.4.9-11 PS1A.2	Explain how two objects moving at the same speed can have different velocities.	Mechanics
SCI.9-12.4.9-11 PS1A.2	Explain how two objects moving at the same speed can have different velocities.	Rate of Length Change: Speed
SCI.9-12.4.9-11 PS1A.2	Explain how two objects moving at the same speed can have different velocities.	Rate of Length Change: Velocity
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Mechanics
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Rate of Length Change: Velocity
SCI.9-12.4.9-11 PS1B.1	Calculate the average acceleration of an object, given the object's change in velocity with respect to time. ($a = \frac{v_2 - v_1}{t_2 - t_1}$)	Rate of Velocity Change
SCI.9-12.4.9-11 PS1B.2	Explain how an object moving at constant speed can be accelerating.	Mechanics
SCI.9-12.4.9-11 PS1B.2	Explain how an object moving at constant speed can be accelerating.	Rate of Velocity Change
SCI.9-12.4.9-11 PS1C.1	Given specific scenarios, compare the motion of an object acted on by balanced forces with the motion of an object acted on by unbalanced forces.	Dynamics
SCI.9-12.4.9-11 PS1C.1	Given specific scenarios, compare the motion of an object acted on by balanced forces with the motion of an object acted on by unbalanced forces.	Newton's First and Second Laws
SCI.9-12.4.9-11 PS1C.1	Given specific scenarios, compare the motion of an object acted on by balanced forces with the motion of an object acted on by unbalanced forces.	Rate of Length Change: Speed

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SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Dynamics
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Gravity
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Mechanics
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Rate of Length Change: Velocity
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Rate of Velocity Change
SCI.9-12.4.9-11 PS1D.1	Predict how objects of different masses will accelerate when subjected to the same force.	Report: Solar System
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Dynamics
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Gravity
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Mechanics
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Newton's First and Second Laws
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Rate of Length Change: Velocity
SCI.9-12.4.9-11 PS1D.2	Calculate the acceleration of an object, given the object's mass and the net force on the object, using Newton's Second law of Motion ($F=ma$).	Rate of Velocity Change
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Dynamics
SCI.9-12.4.9-11 PS1E.1	Illustrate with everyday examples that for every action there is an equal and opposite reaction (e.g., a person exerts the same force on the Earth as the Earth exerts on the person).	Newton's Third Law and Conservation of Momentum
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Coulomb's Law
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Electric Potential
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Gravity
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Report: Isaac Newton
SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	Report: Solar System

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SCI.9-12.4.9-11 PS1F.1	Predict how the gravitational force between two bodies would differ for bodies of different masses or different distances apart.	The Transfer of Charges
SCI.9-12.4.9-11 PS1F.2	Explain how the weight of an object can change while its mass remains constant.	Fields and Models
SCI.9-12.4.9-11 PS1F.2	Explain how the weight of an object can change while its mass remains constant.	Gravity
SCI.9-12.4.9-11 PS1G.1	Predict whether two charged objects will attract or repel each other, and explain why.	Electromagnetism
SCI.9-12.4.9-11 PS1G.1	Predict whether two charged objects will attract or repel each other, and explain why.	Report: Solar System
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Electricity and Magnetism
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Experiment: Magnetic Fields
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Experiment: Magnetic Fields
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Fields and Forces
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Fields and Forces
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Forces
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Ohm's Law
SCI.9-12.4.9-11 PS1H.1	Demonstrate and explain that an electric current flowing in a wire will create a magnetic field around the wire (electromagnetic effect).	Sources of EMF
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Electromagnetic Induction
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Experiment: Magnetic Fields
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Experiment: Magnetic Fields
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Fields and Forces
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Forces
SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Ohm's Law

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SCI.9-12.4.9-11 PS1H.2	Demonstrate and explain that moving a magnet near a wire will cause an electric current to flow in the wire (the generator effect).	Sources of EMF
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Electric Charges
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Nuclear Energy
SCI.9-12.4.9-11 PS2A.1	Describe the relative charges, masses, and locations of the protons, neutrons, and electrons in an atom of an element.	Nuclear Theory
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Electric Charges
SCI.9-12.4.9-11 PS2B.1	Given the number and arrangement of electrons in the outermost shell of an atom, predict the chemical properties of the element.	Report: Solar System
SCI.9-12.4.9-11 PS2C.1	Given the number of protons, identify the element using a Periodic Table.	Nuclear Theory
SCI.9-12.4.9-11 PS2H.2	Predict the result of adding increased amounts of a substance to an aqueous solution, in concentration and pH.	Report: Solar System
SCI.9-12.4.9-11 PS2I.1	Predict the effect of a change in temperature, surface area, pressure, on the rate of a given physical or chemical change.	Report: Solar System
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	Electric Charges
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	Nuclear Energy
SCI.9-12.4.9-11 PS2J.1	Given the atomic number and atomic mass number of an isotope, students draw and label a model of the isotope's atomic structure (number of protons, neutrons and electrons).	Nuclear Theory
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	Nuclear Energy
SCI.9-12.4.9-11 PS2J.2	Given data from a sample, use a decay curve for a radioactive isotope to find the age of the sample. Explain how the decay curve is derived.	Nuclear Theory
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Fusion and Applications of Nuclear Energy
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Nuclear Energy

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SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Nuclear Reactions
SCI.9-12.4.9-11 PS2K.1	Distinguish between nuclear fusion and nuclear fission by describing how each process transforms elements present before the reaction into elements present after the reaction.	Report: Nuclear Energy
SCI.9-12.4.9-11 PS3A.1	Describe a situation in which energy is transferred from one place to another and explain how energy is conserved.	Circuits
SCI.9-12.4.9-11 PS3A.1	Describe a situation in which energy is transferred from one place to another and explain how energy is conserved.	Conservation of Energy
SCI.9-12.4.9-11 PS3A.1	Describe a situation in which energy is transferred from one place to another and explain how energy is conserved.	Quantum Theory
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	Circuits
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	Conservation of Energy
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	Experiment: Pulses
SCI.9-12.4.9-11 PS3A.2	Describe a situation in which energy is transformed from one form to another and explain how energy is conserved.	Report: Nuclear Energy
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Energy
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Gravity
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Mechanics
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Rate of Length Change: Velocity
SCI.9-12.4.9-11 PS3B.1	Calculate the kinetic energy of an object, given the object's mass and velocity.	Work, Kinetic, and Potential Energy
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Energy
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Experiment: Pulses
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Report: Nuclear Energy
SCI.9-12.4.9-11 PS3C.1	Give an example in which gravitational potential energy and kinetic energy are changed from one to the other (e.g., a child on a swing illustrates the alternating transformation of kinetic and gravitational potential energy).	Work, Kinetic, and Potential Energy

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SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Experiment: Wave Speeds
SCI.9-12.4.9-11 PS3D.1	Demonstrate how energy can be transmitted by sending waves along a spring or rope. Characterize physical waves by frequency, wavelength, amplitude, and speed.	Quantum Theory
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Duality
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Electromagnetism
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Experiment: Wave Speeds
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	Modern Physics
SCI.9-12.4.9-11 PS3E.1	Illustrate the electromagnetic spectrum with a labeled diagram, showing how regions of the spectrum differ regarding wavelength, frequency, and energy, and how they are used (e.g., infrared in heat lamps, microwaves for heating foods, X-rays for medical imaging).	X-Rays, Matter Waves, and the Uncertainty Principle
SCI.9-12.4.9-11 LS1B.1	Explain how the process of cellular respiration is similar to the burning of fossil fuels (e.g., both processes involve combustion of carbon-containing compounds to transform chemical energy to a different form of energy).	Experiment: Pulses
SCI.9-12.4.9-11 LS1B.1	Explain how the process of cellular respiration is similar to the burning of fossil fuels (e.g., both processes involve combustion of carbon-containing compounds to transform chemical energy to a different form of energy).	Report: Nuclear Energy
SCI.9-12.4.9-11 LS11.4	Predict the outcome of specific genetic crosses involving two characteristics.	Report: Solar System
SCI.9-12.4.9-11 LS3A.2	Predict the effect on a species if one of these factors should change.	Report: Solar System

**Alignment Report for History And Geography 300
Washington - Social Studies - Grades 3-5**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grade 3	
Section	Description	Lesson Title
SOC.3.1.1.1.a	Understands the key ideals of unity and diversity.	Project: Decision-Making
SOC.3.1.1.2.a	Understands and applies the key ideals of unity and diversity within the context of the community.	Cotton Farms
SOC.3.1.1.2.a	Understands and applies the key ideals of unity and diversity within the context of the community.	Project: Decision-Making
SOC.3.2.2.1.a	Understands how the economic systems of groups are influenced by laws, values, and customs.	Essay: Inventions Interview
SOC.3.2.2.1.a	Understands how the economic systems of groups are influenced by laws, values, and customs.	Thomas Edison's Other Inventions
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	A Farming Community
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	An Orchard Community
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Autumn on a Farm
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Corn Farms
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Project: Visit a Grocery Store
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Soybean Farms
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Summer on a Farm
SOC.3.3.1.1.a	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	The Work on a Truck Farm
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	An Orchard Community
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Autumn on a Farm
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Corn Farms
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Essay: Tall Tales

**Alignment Report for History And Geography 300
Washington - Social Studies - Grades 3-5**

SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Looking at Logging
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Project: Visit a Grocery Store
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Report: Tall Tales
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Soybean Farms
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Summer on a Farm
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	The Work on a Truck Farm
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Trees of the Forest
SOC.3.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Working in the Forest
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	An Orchard Community
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Animal Farms
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Autumn on a Farm
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Corn Farms
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Farming Communities
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Fishing
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Great Lakes
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Gulf of Mexico
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Keeping the Forest
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Living on a Truck Farm
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Looking at Logging

Alignment Report for History And Geography 300
Washington - Social Studies - Grades 3-5

SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Northern Atlantic Coast
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Pacific Northwest Coast
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Soybean Farms
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Summer on a Farm
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	The Work on a Truck Farm
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Trees of the Forest
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Wheat and Grain Farms
SOC.3.3.2.1.a	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Working in the Forest
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	An Orchard Community
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Animal Farms
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Autumn on a Farm
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Corn Farms
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Farming Communities
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Project: Visit a Grocery Store
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Soybean Farms
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Summer on a Farm
SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	The Work on a Truck Farm

**Alignment Report for History And Geography 300
Washington - Social Studies - Grades 3-5**

SOC.3.3.2.2.a	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Wheat and Grain Farms
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Cotton Farms
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Essay: Tall Tales
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Keeping the Forest
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Manufacturing
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Report: Tall Tales
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Radio
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Telegraph
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Telephone
SOC.3.4.2.2.a	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Television
SOC.3.5.3.1.a	Engages in discussions that attempt to answer questions about cultural similarities and differences.	Essay: Tall Tales
SOC.3.5.3.1.a	Engages in discussions that attempt to answer questions about cultural similarities and differences.	Project: Community
SOC.3.5.3.1.a	Engages in discussions that attempt to answer questions about cultural similarities and differences.	Report: Tall Tales
SOC.3.5.4.2.a	Prepares a list of resources, including the title and author for each source.	Project: A Space Trip Story
Grade:	Grade 4	
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grade 3	
Section	Description	Lesson Title
SOC.3.1.1.1	Understands the key ideals of unity and diversity.	Project: Decision-Making
SOC.3.1.1.2	Understands and applies the key ideals of unity and diversity within the context of the community.	Project: Decision-Making
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	Essay: Inventions Interview
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	Essay: Tall Tales
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	Manufacturing

Alignment Report for History And Geography 300
Washington - Social Studies - Grades 3-5

SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	Report: Tall Tales
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	The Radio
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	The Telegraph
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	The Telephone
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	The Television
SOC.3.2.2.1	Understands how the economic systems of groups are influenced by laws, values, and customs.	Thomas Edison's Other Inventions
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	A Farming Community
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	An Orchard Community
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Autumn on a Farm
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Corn Farms
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Cotton Farms
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Furniture
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Introduction to Manufacturing
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Manufacturing
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Project: Visit a Grocery Store
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Soybean Farms
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	Summer on a Farm
SOC.3.3.1.1	Understands and applies how maps and globes are used to display the regions of North America in the past and present.	The Work on a Truck Farm
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	An Orchard Community

**Alignment Report for History And Geography 300
Washington - Social Studies - Grades 3-5**

SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Autumn on a Farm
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Corn Farms
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Essay: Tall Tales
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Looking at Logging
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Mining and Logging
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Project: Visit a Grocery Store
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Report: Tall Tales
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Soybean Farms
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Summer on a Farm
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	The Work on a Truck Farm
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Trees of the Forest
SOC.3.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in North America, including the location of the fifty states within the regions of the U.S.	Working in the Forest
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	An Orchard Community
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Autumn on a Farm
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Corn Farms

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Washington - Social Studies - Grades 3-5

SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Farming Communities
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Fishing
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	General Farms
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Keeping the Forest
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Living on a Truck Farm
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Mining and Logging
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Mining: Early Methods
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Mining: Gold, Silver, and Copper
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Mining: Iron Ore
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Mining: Modern Methods
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Northern Atlantic Coast
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Pacific Northwest Coast
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Soybean Farms
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	Summer on a Farm
SOC.3.3.2.1	Understands how the environment affects cultural groups and how cultural groups affect the environment.	The Work on a Truck Farm
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	An Orchard Community
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Animal Farms
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Autumn on a Farm
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Corn Farms
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Farming Communities
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Project: Visit a Grocery Store

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SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Soybean Farms
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Summer on a Farm
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	The Work on a Truck Farm
SOC.3.3.2.2	Understands the cultural universals of place, time, family life, economics, communication, arts, recreation, food, clothing, shelter, transportation, government, and education.	Wheat and Grain Farms
SOC.3.3.3.1	Explains that learning about the geography of North America helps us understand cultures from around the world.	An Orchard Community
SOC.3.3.3.1	Explains that learning about the geography of North America helps us understand cultures from around the world.	Autumn on a Farm
SOC.3.3.3.1	Explains that learning about the geography of North America helps us understand cultures from around the world.	Corn Farms
SOC.3.3.3.1	Explains that learning about the geography of North America helps us understand cultures from around the world.	Project: Decision-Making
SOC.3.3.3.1	Explains that learning about the geography of North America helps us understand cultures from around the world.	Soybean Farms
SOC.3.3.3.1	Explains that learning about the geography of North America helps us understand cultures from around the world.	Summer on a Farm
SOC.3.3.3.1	Explains that learning about the geography of North America helps us understand cultures from around the world.	The Work on a Truck Farm
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Cotton Farms
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Essay: Tall Tales
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Keeping the Forest
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Manufacturing
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Report: Tall Tales

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Washington - Social Studies - Grades 3-5**

SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	Technology
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Radio
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Telegraph
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Telephone
SOC.3.4.2.2	Understands how contributions made by various cultural groups have shaped the history of the community and world.	The Television
SOC.3.5.2.2	Uses a graphic organizer to organize main ideas and supporting details from visuals and literary, narrative, informational, and expository texts.	Essay: Inventions Interview
SOC.3.5.2.2	Uses a graphic organizer to organize main ideas and supporting details from visuals and literary, narrative, informational, and expository texts.	Thomas Edison's Other Inventions
SOC.3.5.3.1	Engages in discussions that attempt to answer questions about cultural similarities and differences.	Furniture
SOC.3.5.3.1	Engages in discussions that attempt to answer questions about cultural similarities and differences.	Introduction to Manufacturing
SOC.3.5.3.1	Engages in discussions that attempt to answer questions about cultural similarities and differences.	Project: Community
SOC.3.5.3.1	Engages in discussions that attempt to answer questions about cultural similarities and differences.	Report: Native Americans
SOC.3.5.4.1	Draws conclusions using at least two clear, specific, and accurate examples in a paper or presentation.	Project: A Space Trip Story
SOC.3.5.4.1	Draws conclusions using at least two clear, specific, and accurate examples in a paper or presentation.	Project: Community
SOC.3.5.4.2	Prepares a list of resources, including the title and author for each source.	Project: A Space Trip Story
Grade:	Grade 4	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grade 3	
Section	Description	Lesson Title
SOC.3.A.1.1	Compare and contrast different stories and/or accounts about past events, people, places, or situations, identifying how they contribute to our understanding of various cultural groups.	Automobiles
SOC.3.A.1.1	Compare and contrast different stories and/or accounts about past events, people, places, or situations, identifying how they contribute to our understanding of various cultural groups.	Made in Michigan
SOC.3.A.2.1	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present)	A Farming Community
SOC.3.A.2.1	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present)	Cotton Farms

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SOC.3.A.2.1	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present)	Furniture
SOC.3.A.2.1	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present)	Introduction to Manufacturing
SOC.3.A.2.1	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present)	Manufacturing
SOC.3.A.2.2	Explain one's own culture through cultural universals.	A Farming Community
SOC.3.A.2.3	Examine how cultural universals influence people's way of life and values.	A Farming Community
SOC.3.A.2.3	Examine how cultural universals influence people's way of life and values.	Manufacturing
SOC.3.A.2.3	Examine how cultural universals influence people's way of life and values.	Technology
SOC.3.A.2.3	Examine how cultural universals influence people's way of life and values.	The Radio
SOC.3.A.2.3	Examine how cultural universals influence people's way of life and values.	The Telegraph
SOC.3.A.2.3	Examine how cultural universals influence people's way of life and values.	The Telephone
SOC.3.A.2.3	Examine how cultural universals influence people's way of life and values.	The Television
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	A Farming Community
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	Cotton Farms
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	Essay: Tall Tales
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	Manufacturing
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	Report: Tall Tales
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	The Radio
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	The Telegraph
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	The Telephone
SOC.3.A.2.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in our culture.	The Television
SOC.3.B.1.1	Describe ways that language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture and time.	Essay: Tall Tales

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SOC.3.B.1.1	Describe ways that language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture and time.	Manufacturing
SOC.3.B.1.1	Describe ways that language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture and time.	Report: Tall Tales
SOC.3.B.1.1	Describe ways that language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture and time.	The Radio
SOC.3.B.1.1	Describe ways that language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture and time.	The Telegraph
SOC.3.B.1.1	Describe ways that language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture and time.	The Telephone
SOC.3.B.1.1	Describe ways that language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture and time.	The Television
SOC.3.B.2.1	Explain how the location influenced the ways of life in past times.	Cereal
SOC.3.B.2.1	Explain how the location influenced the ways of life in past times.	Chemicals
SOC.3.B.2.1	Explain how the location influenced the ways of life in past times.	Furniture
SOC.3.B.2.1	Explain how the location influenced the ways of life in past times.	Introduction to Manufacturing
SOC.3.B.2.1	Explain how the location influenced the ways of life in past times.	Project: Made in Michigan
SOC.3.B.2.2	Compare and contrast the similarities and differences among Native cultures in meeting their human needs.	Report: Native Americans
SOC.3.B.2.3	Analyze how Native Americans movement from one location to another affected their way of life.	Cereal
SOC.3.B.2.3	Analyze how Native Americans movement from one location to another affected their way of life.	Chemicals
SOC.3.B.2.3	Analyze how Native Americans movement from one location to another affected their way of life.	Furniture
SOC.3.B.2.3	Analyze how Native Americans movement from one location to another affected their way of life.	Introduction to Manufacturing
SOC.3.B.2.3	Analyze how Native Americans movement from one location to another affected their way of life.	Project: Made in Michigan
SOC.3.B.3.2	Analyze the effect of trade between non-native peoples and native peoples	Manufacturing
SOC.3.B.3.2	Analyze the effect of trade between non-native peoples and native peoples	The Radio
SOC.3.B.3.2	Analyze the effect of trade between non-native peoples and native peoples	The Telegraph
SOC.3.B.3.2	Analyze the effect of trade between non-native peoples and native peoples	The Telephone
SOC.3.B.3.2	Analyze the effect of trade between non-native peoples and native peoples	The Television
SOC.3.C.1.1	Locate cultural regions on maps and globes.	Cattle Ranching
SOC.3.C.1.2	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present) related to people in other places.	Cotton Farms

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SOC.3.C.1.2	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present) related to people in other places.	Furniture
SOC.3.C.1.2	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present) related to people in other places.	Introduction to Manufacturing
SOC.3.C.1.2	Identify examples of cultural universals (basic human needs and social experiences found in all societies past and present) related to people in other places.	Manufacturing
SOC.3.C.1.3	Explain how people create places that reflect ideas, personality, culture, and wants and needs as they design homes, other structures, and public spaces.	Project: Visit a Grocery Store
SOC.3.C.1.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture.	Essay: Tall Tales
SOC.3.C.1.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture.	Manufacturing
SOC.3.C.1.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture.	Report: Tall Tales
SOC.3.C.1.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture.	The Radio
SOC.3.C.1.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture.	The Telegraph
SOC.3.C.1.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture.	The Telephone
SOC.3.C.1.4	Describe ways in which language, stories, music, and artistic creations serve as expressions of culture and influence behaviors of people living in a particular culture.	The Television

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grade 3	
Grade:	Grade 4	
Section	Description	Lesson Title
SOC.4.2.2.1.a	Understands the basic elements of Washington State's economic system, including agriculture, businesses, industry, natural resources, and labor.	More About North America
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	A New, Old Country
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Arctic Plant and Animal Life
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Argentina
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Geography of Nepal
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Modern Peru
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	More About North America
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	North America
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	People and the Rainforest
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Peru and the Andes
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Portenos and Gauchos
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Review of Africa
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Review of Asia (Part 1)
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Review of Asia (Part 2)
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Review of South America (Part 1)
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Review of South America (Part 2)

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SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Southern Countries: Mexico
SOC.4.2.4.1.a	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	The Andes and Peru
SOC.4.3.1.1.a	Constructs and uses maps to explain the movement of people.	Project: Map Activity
SOC.4.3.1.1.a	Constructs and uses maps to explain the movement of people.	Project: Map Activity
SOC.4.3.1.1.a	Constructs and uses maps to explain the movement of people.	Review of Europe
SOC.4.3.1.1.a	Constructs and uses maps to explain the movement of people.	The Surface of the Earth: Continents
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	A New, Old Country
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Argentina
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Deserts of the Southern Hemisphere
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Geography of Nepal
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Grasslands
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	How Do People Live in the Desert?
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Modern Peru
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	North America
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	People and the Rainforest
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Peru and the Andes

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Washington - Social Studies - Grades 3-5**

SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Portenos and Gauchos
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of Africa
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of Asia (Part 2)
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of South America (Part 1)
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of South America (Part 2)
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Saga of Iceland
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Southern Countries: Mexico
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Sydney
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Andes and Peru
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Arctic Today
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Last Place on Earth
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The North Polar Region
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Surface of the Earth: Fresh Water

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SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	What is a Desert?
SOC.4.3.1.2.a	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Where are the Deserts?
SOC.4.3.2.3.a	Understands that the geographic features of the Pacific Northwest have influenced the movement of people.	Arctic Polar Region: Top of the World
SOC.4.3.2.3.a	Understands that the geographic features of the Pacific Northwest have influenced the movement of people.	People and the Rainforest
SOC.4.4.1.2.a.2	Maritime and overland exploration, encounter, and trade (1774-1849).	Penal Colony
SOC.4.4.1.2.a.2	Maritime and overland exploration, encounter, and trade (1774-1849).	Recent Explorations of Our Earth (1)
SOC.4.4.2.1.a	Understands and analyzes how individuals caused change in Washington State history.	Saga of Iceland
SOC.4.4.2.1.a	Understands and analyzes how individuals caused change in Washington State history.	Sydney
SOC.4.4.2.1.a	Understands and analyzes how individuals caused change in Washington State history.	United States (Part 2)
SOC.4.4.4.1.a	Understands that significant historical events in Washington State have implications for current decisions.	Sydney
SOC.4.4.4.1.a	Understands that significant historical events in Washington State have implications for current decisions.	United States (Part 2)
SOC.4.5.4.1.a	Draws clear, well-reasoned conclusions and provides explanations that are supported by artifacts and/or primary sources in a paper or presentation.	Essay: Write a Story
Grade:	Grade 5	
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grade 3	
Grade:	Grade 4	
Section	Description	Lesson Title
SOC.4.2.2.1	Understands the basic elements of Washington State's economic system, including agriculture, businesses, industry, natural resources, and labor.	More About North America
SOC.4.2.2.2	Understands that the economy in Washington State relies on trade with Pacific Rim countries.	Project: Banking
SOC.4.2.4.1	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Arctic Plant and Animal Life
SOC.4.2.4.1	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	More About North America
SOC.4.2.4.1	Understands how geography, natural resources, climate, and available labor contribute to the sustainability of the economy of regions in Washington State.	Review of Asia (Part 1)
SOC.4.3.1.1	Constructs and uses maps to explain the movement of people.	Project: Map Activity
SOC.4.3.1.1	Constructs and uses maps to explain the movement of people.	Project: Map Activity

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SOC.4.3.1.1	Constructs and uses maps to explain the movement of people.	Review of Europe
SOC.4.3.1.1	Constructs and uses maps to explain the movement of people.	The Surface of the Earth: Continents
SOC.4.3.1.1	Constructs and uses maps to explain the movement of people.	The Surface of the Earth: Maps
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	A New, Old Country
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Arctic Polar Region: Top of the World
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Argentina
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	British Life
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Conquered Borderland
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Deserts of the Southern Hemisphere
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Geography of Nepal
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Grasslands
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	How Do People Live in the Desert?
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Modern Peru
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Modern Ways of Life
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	North America

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SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	People and the Rainforest
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	People of the Congo Rainforest
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Peru and the Andes
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Portenos and Gauchos
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Regions of the United States
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of Africa
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of Asia (Part 2)
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of South America (Part 1)
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Review of South America (Part 2)
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Southern Countries: Mexico
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Sydney
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Andes and Peru
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Arctic Today

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SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Last Place on Earth
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The North Polar Region
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Surface of the Earth: Fresh Water
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	The Surface of the Earth: Maps
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	What is a Desert?
SOC.4.3.1.2	Understands the physical, political, and cultural characteristics of places, regions, and people in the Pacific Northwest, including the difference between cities, states, and countries.	Where are the Deserts?
SOC.4.3.2.3	Understands that the geographic features of the Pacific Northwest have influenced the movement of people.	Arctic Polar Region: Top of the World
SOC.4.3.2.3	Understands that the geographic features of the Pacific Northwest have influenced the movement of people.	People and the Rainforest
SOC.4.3.2.3	Understands that the geographic features of the Pacific Northwest have influenced the movement of people.	The Surface of the Earth: Maps
SOC.4.4.1.1	Understands and creates timelines to show how historical events are organized into time periods and eras.	Geography
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Breadbasket of Europe
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Kenya
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Northern Countries: Greenland
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Portenos and Gauchos
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Review of Africa
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Review of Asia (Part 1)
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Review of Asia (Part 2)
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Review of South America (Part 2)
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Swiss History
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	Switzerland Today
SOC.4.4.1.2.A	Growth of northwest coastal and plateau tribes prior to treaties (time immemorial to 1854).	The Congo Rainforest

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SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Breadbasket of Europe
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Kenya
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Northern Countries: Greenland
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Penal Colony
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Portenos and Gauchos
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Recent Explorations of Our Earth (1)
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Review of Africa
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Review of Asia (Part 1)
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Review of Asia (Part 2)
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Review of South America (Part 2)
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Swiss History
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	Switzerland Today
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	The Congo Rainforest
SOC.4.4.1.2.B	Maritime and overland exploration, encounter, and trade (1774-1849).	United States (Part 2)
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Breadbasket of Europe
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Kenya
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Northern Countries: Greenland
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Portenos and Gauchos
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Review of Africa
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Review of Asia (Part 1)
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Review of Asia (Part 2)
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Review of South America (Part 2)
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Swiss History
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	Switzerland Today
SOC.4.4.1.2.C	Immigration and settlement (1811-1889).	The Congo Rainforest
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Breadbasket of Europe
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Kenya
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Northern Countries: Greenland
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Portenos and Gauchos
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Review of Africa
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Review of Asia (Part 1)
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Review of Asia (Part 2)
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Review of South America (Part 2)
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Swiss History
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	Switzerland Today
SOC.4.4.1.2.D	Territory and treaty-making (1854-1889).	The Congo Rainforest
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Breadbasket of Europe
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Kenya

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Washington - Social Studies - Grades 3-5

Section	Description	Lesson Title
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Northern Countries: Greenland
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Portenos and Gauchos
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Review of Africa
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Review of Asia (Part 1)
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Review of Asia (Part 2)
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Review of South America (Part 2)
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Saga of Iceland
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Swiss History
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	Switzerland Today
SOC.4.4.2.1	Understands and analyzes how individuals caused change in Washington State history.	The Congo Rainforest
SOC.4.4.3.1	Understands that there are multiple perspectives regarding the interpretation of historical events and creates an historical account using multiple sources.	Geography
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Breadbasket of Europe
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Kenya
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Northern Countries: Greenland
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Portenos and Gauchos
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Review of Africa
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Review of Asia (Part 1)
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Review of Asia (Part 2)
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Review of South America (Part 2)
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Swiss History
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	Switzerland Today
SOC.4.4.4.1	Understands that significant historical events in Washington State have implications for current decisions.	The Congo Rainforest
SOC.4.5.4.1	Draws clear, well-reasoned conclusions and provides explanations that are supported by artifacts and/or primary sources in a paper or presentation.	Essay: Write a Story
Grade:	Grade 5	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grade 3	
Grade:	Grade 4	
Section	Description	Lesson Title

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Washington - Social Studies - Grades 3-5

SOC.4.A.1.1	Create a time line of key events up to 1889.	Geography
SOC.4.A.1.1	Create a time line of key events up to 1889.	Sydney
SOC.4.A.1.1	Create a time line of key events up to 1889.	United States (Part 2)
SOC.4.A.1.3	Describe how people traveled to and settled Washington.	Sydney
SOC.4.A.1.3	Describe how people traveled to and settled Washington.	United States (Part 2)
SOC.4.A.1.4	Examine the challenges and the conflicts due to early settlement.	Sydney
SOC.4.A.1.4	Examine the challenges and the conflicts due to early settlement.	United States (Part 2)
SOC.4.A.1.5	Explain how events in Washington's past influence the present.	Sydney
SOC.4.A.1.5	Explain how events in Washington's past influence the present.	United States (Part 2)
SOC.4.A.2.1	Identify the cultural groups who immigrated to Washington from other places in the world and the US prior to 1889 and explain why they came.	Arctic Plant and Animal Life
SOC.4.A.2.1	Identify the cultural groups who immigrated to Washington from other places in the world and the US prior to 1889 and explain why they came.	Plants and Animals of the Rainforest
SOC.4.A.2.1	Identify the cultural groups who immigrated to Washington from other places in the world and the US prior to 1889 and explain why they came.	Sydney
SOC.4.A.2.1	Identify the cultural groups who immigrated to Washington from other places in the world and the US prior to 1889 and explain why they came.	United States (Part 2)
SOC.4.A.2.2	Analyze the changes Native Americans and early settlers made to their environment to meet their needs and wants.	Modern Ways of Life
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Amerindians of the Amazon
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Argentina
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Geography
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Geography of Nepal
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	History of Amazonia
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Islands of the World
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Modern Peru
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Nepal of the Himalayas
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	North America
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Northern Countries: Greenland
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Polar Regions: Coldest Places in the World
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Portenos and Gauchos
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Review of Africa

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Washington - Social Studies - Grades 3-5

SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Review of South America (Part 1)
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Review of South America (Part 2)
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Switzerland of the Alps
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	Sydney
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	The Andes and Peru
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	The Arctic Today
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	The North Polar Region
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	The Surface of the Earth: Oceans
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	United States (Part 2)
SOC.4.A.2.3	Locate places of early settlement (native and non-native) and identify the reasons people chose those places.	What is a Desert?
SOC.4.A.3.2	Describe the economic opportunities that encouraged people to immigrate to Washington	Project: Banking
SOC.4.A.3.2	Describe the economic opportunities that encouraged people to immigrate to Washington	Saga of Iceland
SOC.4.A.3.2	Describe the economic opportunities that encouraged people to immigrate to Washington	Sydney
SOC.4.A.3.2	Describe the economic opportunities that encouraged people to immigrate to Washington	United States (Part 2)
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	A New, Old Country
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Argentina
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Geography of Nepal
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Modern Peru
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	North America
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	People and the Rainforest
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Portenos and Gauchos
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Regions of the United States
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Review of Africa
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Review of Asia (Part 2)
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Review of South America (Part 1)
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Review of South America (Part 2)
SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	Southern Countries: Mexico

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SOC.4.B.1.1	Compare and contrast the geographical regions of Washington.	The Andes and Peru
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	A New, Old Country
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Argentina
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Geography
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Geography of Nepal
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Grasslands
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Iceland
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Islands of the World
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Japan
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Modern Peru
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	North America
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Peninsulas, Oceans, and Islands
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	People and the Rainforest
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Portenos and Gauchos
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Project: Latitude and Longitude
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Project: Map Activity
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Rainforests of the World
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Review of Africa

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SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Review of Antarctica
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Review of Asia (Part 2)
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Review of South America (Part 1)
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Review of South America (Part 2)
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	Southern Countries: Mexico
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	The Andes and Peru
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	The Arctic Today
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	The North Polar Region
SOC.4.B.1.2	Use maps, graphs, and charts to understand the patterns of economic activity and distribution of people in each of the regions.	The Surface of the Earth: Maps
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	A New, Old Country
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Argentina
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Geography of Nepal
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Modern Peru
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	North America
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	People and the Rainforest
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Portenos and Gauchos
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Review of Africa
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Review of Asia (Part 2)

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SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Review of South America (Part 1)
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Review of South America (Part 2)
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Saga of Iceland
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	Southern Countries: Mexico
SOC.4.B.1.3	Describe and compare the ways in which people satisfy their basic needs and wants through the production of goods and services in each of the regions of Washington.	The Andes and Peru
SOC.4.B.1.4	Compare how people in each of the regions earn a living.	Saga of Iceland
SOC.4.B.1.5	Explain how people have adapted to and been influenced by their physical environment.	Antarctic Polar Region: Bottom of the World
SOC.4.B.1.5	Explain how people have adapted to and been influenced by their physical environment.	Japanese Religion and Art
SOC.4.B.1.5	Explain how people have adapted to and been influenced by their physical environment.	Saga of Iceland
SOC.4.B.1.6	Explain why people move to or continue to live in Washington--natural beauty, resources, family, culture, education, and/or economic opportunity.	Modern Peru
SOC.4.B.1.6	Explain why people move to or continue to live in Washington--natural beauty, resources, family, culture, education, and/or economic opportunity.	Portenos and Gauchos
SOC.4.B.1.6	Explain why people move to or continue to live in Washington--natural beauty, resources, family, culture, education, and/or economic opportunity.	Review of South America (Part 2)
SOC.4.B.1.6	Explain why people move to or continue to live in Washington--natural beauty, resources, family, culture, education, and/or economic opportunity.	Saga of Iceland
SOC.4.B.2.1	Explain why different regions of Washington specialize in different economic activities.	Grasslands
SOC.4.B.2.2	Identify factors of production (natural resources, labor, capital, and entrepreneurship) for various Washington industries.	More About North America
SOC.4.B.2.4	Explain how competition affects economic activity in Washington.	Grasslands
SOC.4.B.2.6	Predict how the economy could change as a result of trade, resource use, climate, and/or labor.	Arctic Plant and Animal Life
SOC.4.B.2.6	Predict how the economy could change as a result of trade, resource use, climate, and/or labor.	More About North America
SOC.4.B.2.6	Predict how the economy could change as a result of trade, resource use, climate, and/or labor.	Recent Explorations of Our Earth (2)
SOC.4.B.2.6	Predict how the economy could change as a result of trade, resource use, climate, and/or labor.	Review of Asia (Part 1)
SOC.4.B.2.6	Predict how the economy could change as a result of trade, resource use, climate, and/or labor.	The Empire of Japan
SOC.4.B.2.7	Explain how use and depletion of natural resources affect our environment and economy.	Modern Ways of Life

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SOC.4.B.2.7	Explain how use and depletion of natural resources affect our environment and economy.	More About North America
SOC.4.B.2.7	Explain how use and depletion of natural resources affect our environment and economy.	Nepal Today
SOC.4.B.2.7	Explain how use and depletion of natural resources affect our environment and economy.	Plants and Animals of the Rainforest
SOC.4.B.2.7	Explain how use and depletion of natural resources affect our environment and economy.	Report: Desert Animals
SOC.4.C.1.3	Identify actions citizens can take to influence public policy decisions.	Saga of Iceland

**Alignment Report for History And Geography 500
Washington - Social Studies - Grades 3-5**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Social Studies
Grade:	Grade 3
Grade:	Grade 4
Grade:	Grade 5

Section	Description	Lesson Title
SOC.5.1.1.1.a	Understands the key ideals of liberty and patriotism as outlined in the Declaration of Independence, U.S. Constitution, and other fundamental documents.	A New Nation
SOC.5.1.1.1.a	Understands the key ideals of liberty and patriotism as outlined in the Declaration of Independence, U.S. Constitution, and other fundamental documents.	Democracy
SOC.5.1.1.1.a	Understands the key ideals of liberty and patriotism as outlined in the Declaration of Independence, U.S. Constitution, and other fundamental documents.	Independence Declared
SOC.5.1.1.2.a	Evaluates how a public issue is related to constitutional rights and the common good.	A New Nation
SOC.5.2.1.1.a	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	Glory of New France
SOC.5.2.1.1.a	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	New England Colonies
SOC.5.2.1.1.a	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	New England, Middle, and Southern Colonies
SOC.5.2.1.1.a	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	New World Colonies (Part 1)
SOC.5.2.1.1.a	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	Spirit of Friendship
SOC.5.2.2.2.a	Understands how trade affected the economy of the thirteen colonies.	Life in New England Colonies
SOC.5.2.2.2.a	Understands how trade affected the economy of the thirteen colonies.	Middle Colonies
SOC.5.2.2.2.a	Understands how trade affected the economy of the thirteen colonies.	New England Colonies
SOC.5.2.2.2.a	Understands how trade affected the economy of the thirteen colonies.	New World Colonies (Part 1)
SOC.5.2.2.2.a	Understands how trade affected the economy of the thirteen colonies.	Project: Colonies Map
SOC.5.2.2.2.a	Understands how trade affected the economy of the thirteen colonies.	Southern Activities
SOC.5.2.2.2.a	Understands how trade affected the economy of the thirteen colonies.	Southern Colonies
SOC.5.2.3.1.a	Understands the impact of the British government on the economy of the thirteen colonies.	Life in New England Colonies
SOC.5.2.3.1.a	Understands the impact of the British government on the economy of the thirteen colonies.	Middle Colonies
SOC.5.2.3.1.a	Understands the impact of the British government on the economy of the thirteen colonies.	New England Colonies
SOC.5.2.3.1.a	Understands the impact of the British government on the economy of the thirteen colonies.	New World Colonies (Part 1)
SOC.5.2.3.1.a	Understands the impact of the British government on the economy of the thirteen colonies.	Project: Colonies Map
SOC.5.2.3.1.a	Understands the impact of the British government on the economy of the thirteen colonies.	Southern Activities

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SOC.5.2.3.1.a	Understands the impact of the British government on the economy of the thirteen colonies.	Southern Colonies
SOC.5.3.1.1.a	Constructs and uses maps to show and analyze information about European settlement in the Americas.	Project: Mapping
SOC.5.3.1.1.a	Constructs and uses maps to show and analyze information about European settlement in the Americas.	Project: USA Map
SOC.5.3.1.1.a	Constructs and uses maps to show and analyze information about European settlement in the Americas.	Searchers of Gold, Glory, and Spices
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	Giant of the North
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	Mexico: Contrasts in Daily Life
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	Middle Colonies
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	New England Colonies
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	New World Colonies (Part 1)
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	Project: Colonies Map
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	Southern Activities
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	Southern Colonies
SOC.5.3.1.2.a	Understands the physical and cultural characteristics of the thirteen colonies.	The Western States
SOC.5.3.2.3.a	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	European Countries and Explorers
SOC.5.3.2.3.a	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	Land Transportation
SOC.5.3.2.3.a	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	Water Transportation
SOC.5.4.1.1.a	Understands and creates timelines to show how historical events are caused by other important events.	Maps
SOC.5.4.1.2.a.1	Development of indigenous societies in North America (time immemorial to 1791).	Immigration and Urbanization
SOC.5.4.1.2.a.1	Development of indigenous societies in North America (time immemorial to 1791).	Modern Explorations
SOC.5.4.1.2.a.1	Development of indigenous societies in North America (time immemorial to 1791).	Mosaic of People
SOC.5.4.1.2.a.1	Development of indigenous societies in North America (time immemorial to 1791).	The Louisiana Purchase
SOC.5.4.1.2.a.2	Encounter, colonization, and devastation (1492-1763).	Glory of New France
SOC.5.4.1.2.a.2	Encounter, colonization, and devastation (1492-1763).	Mexico: Contrasts in Cultures
SOC.5.4.1.2.a.2	Encounter, colonization, and devastation (1492-1763).	Modern Explorations
SOC.5.4.1.2.a.2	Encounter, colonization, and devastation (1492-1763).	The Louisiana Purchase
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	A New Nation
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	A Search for Freedom
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	A Turning Point Reached
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	Modern Explorations
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	Problems With England

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SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	The Louisiana Purchase
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	Victory Declared
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	War for Independence
SOC.5.4.1.2.a.3	Revolution and the Constitution (1763-1791).	War of Independence
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Benjamin Franklin: A Good Citizen
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Benjamin Franklin: A Successful Man
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Expansion and More War
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Inventions and New Ideas
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Modern Explorations
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Printed and Postal Communication
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Problems With England
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Progress of Communication in America
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Progress of Transportation After 1800
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	Progress of Transportation in Early America
SOC.5.4.2.1.a	Understands and analyzes how individuals caused change in U.S. history.	The Louisiana Purchase
SOC.5.4.2.2.a	Analyzes how people from various cultural groups have shaped U.S. history.	Modern Explorations
SOC.5.4.2.2.a	Analyzes how people from various cultural groups have shaped U.S. history.	The Louisiana Purchase
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Communication and World Leadership
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Development of Power
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Electronic Communication
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Exploration Tools
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Inventions and New Ideas
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Life in New England Colonies
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Progress of Communication in America
SOC.5.4.2.3.a	Understands how technology and ideas have affected the way people live and change their values, beliefs, and attitudes.	Steamboat and Rail Transportation

Alignment Report for History And Geography 500
Washington - Social Studies - Grades 3-5

SOC.5.4.3.1.a	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	Industrialization, Immigration, Urbanization
SOC.5.4.3.1.a	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	Modern Explorations
SOC.5.4.3.1.a	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	The Louisiana Purchase
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	Expansion and More War
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	Modern Explorations
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	Printed and Postal Communication
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	Progress of Communication in America
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	Progress of Transportation After 1800
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	Progress of Transportation in Early America
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	Project: Pledge of Allegiance
SOC.5.4.3.2.a	Analyzes the multiple causes of change and conflict in U.S. history.	The Louisiana Purchase
SOC.5.4.4.1.a	Understands that significant historical events in the United States have implications for current decisions and influence the future.	Modern Explorations
SOC.5.4.4.1.a	Understands that significant historical events in the United States have implications for current decisions and influence the future.	Project: Mapping
SOC.5.4.4.1.a	Understands that significant historical events in the United States have implications for current decisions and influence the future.	The Louisiana Purchase
SOC.5.5.1.1.a	Understands the purpose of documents and the concepts used in them.	Early Settlements
SOC.5.5.1.1.a	Understands the purpose of documents and the concepts used in them.	Life in New England Colonies
SOC.5.5.1.1.a	Understands the purpose of documents and the concepts used in them.	Southern Activities
SOC.5.5.1.2.a	Evaluates the relevance of facts used in forming a position on an issue or event.	Project: Mapping
SOC.5.5.2.1.a	Understands how essential questions define the significance of researching an issue or event.	Project: Mapping
SOC.5.5.3.1.a	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Essay: American Creed
SOC.5.5.3.1.a	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Essay: Explorers Play
SOC.5.5.3.1.a	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Essay: Skit
SOC.5.5.3.1.a	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Expansion from Sea to Sea

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SOC.5.5.3.1.a	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Modern Explorations
SOC.5.5.3.1.a	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Searchers of Gold, Glory, and Spices
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grade 3	
Grade:	Grade 4	
Grade:	Grade 5	
Section	Description	Lesson Title
SOC.5.1.1.1	Understands the key ideals of liberty and patriotism as outlined in the Declaration of Independence, U.S. Constitution, and other fundamental documents.	A New Nation
SOC.5.1.1.1	Understands the key ideals of liberty and patriotism as outlined in the Declaration of Independence, U.S. Constitution, and other fundamental documents.	Democracy
SOC.5.1.1.1	Understands the key ideals of liberty and patriotism as outlined in the Declaration of Independence, U.S. Constitution, and other fundamental documents.	Independence Declared
SOC.5.1.1.2	Evaluates how a public issue is related to constitutional rights and the common good.	A New Nation
SOC.5.1.1.2	Evaluates how a public issue is related to constitutional rights and the common good.	Democracy
SOC.5.1.1.2	Evaluates how a public issue is related to constitutional rights and the common good.	Independence Declared
SOC.5.1.1.2	Evaluates how a public issue is related to constitutional rights and the common good.	Project: Mapping
SOC.5.2.1.1	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	Crafts
SOC.5.2.1.1	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	Early Settlements
SOC.5.2.1.1	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	Life in New England Colonies
SOC.5.2.1.1	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	Southern Activities
SOC.5.2.1.1	Analyzes the costs and benefits of decisions colonists made to meet their needs and wants.	Spirit of Friendship
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Expansion and More War
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Middle Colonies
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	New England Colonies
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	New World Colonies (Part 1)
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Printed and Postal Communication
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Progress of Communication in America
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Progress of Transportation After 1800

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Washington - Social Studies - Grades 3-5

SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Progress of Transportation in Early America
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Project: Colonies Map
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Southern Activities
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	Southern Colonies
SOC.5.2.2.2	Understands how trade affected the economy of the thirteen colonies.	The Louisiana Purchase
SOC.5.2.3.1	Understands the impact of the British government on the economy of the thirteen colonies.	Life in New England Colonies
SOC.5.2.3.1	Understands the impact of the British government on the economy of the thirteen colonies.	Middle Colonies
SOC.5.2.3.1	Understands the impact of the British government on the economy of the thirteen colonies.	New England Colonies
SOC.5.2.3.1	Understands the impact of the British government on the economy of the thirteen colonies.	New World Colonies (Part 1)
SOC.5.2.3.1	Understands the impact of the British government on the economy of the thirteen colonies.	Project: Colonies Map
SOC.5.2.3.1	Understands the impact of the British government on the economy of the thirteen colonies.	Southern Activities
SOC.5.2.3.1	Understands the impact of the British government on the economy of the thirteen colonies.	Southern Colonies
SOC.5.3.1.1	Constructs and uses maps to show and analyze information about European settlement in the Americas.	Maps
SOC.5.3.1.1	Constructs and uses maps to show and analyze information about European settlement in the Americas.	Project: Mapping
SOC.5.3.1.1	Constructs and uses maps to show and analyze information about European settlement in the Americas.	Project: USA Map
SOC.5.3.1.1	Constructs and uses maps to show and analyze information about European settlement in the Americas.	Searchers of Gold, Glory, and Spices
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	Giant of the North
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	Middle Colonies
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	New England Colonies
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	New World Colonies (Part 1)
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	Project: Colonies Map
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	Southern Activities
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	Southern Colonies
SOC.5.3.1.2	Understands the physical and cultural characteristics of the thirteen colonies.	The Western States
SOC.5.3.2.3	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	Early Settlements
SOC.5.3.2.3	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	Glory of New France

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SOC.5.3.2.3	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	Life in New England Colonies
SOC.5.3.2.3	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	New England Colonies
SOC.5.3.2.3	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	New England, Middle, and Southern Colonies
SOC.5.3.2.3	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	New World Colonies (Part 1)
SOC.5.3.2.3	Understands and analyzes the impact of the European colonists' movement to the Americas on the land and the indigenous peoples.	Southern Activities
SOC.5.4.1.1	Understands and creates timelines to show how historical events are caused by other important events.	Essay: Family Travel
SOC.5.4.1.1	Understands and creates timelines to show how historical events are caused by other important events.	Maps
SOC.5.4.1.1	Understands and creates timelines to show how historical events are caused by other important events.	Project: Mapping
SOC.5.4.1.2.A	Development of indigenous societies in North America (time immemorial to 1791).	Modern Explorations
SOC.5.4.1.2.A	Development of indigenous societies in North America (time immemorial to 1791).	The Louisiana Purchase
SOC.5.4.1.2.B	Encounter, colonization, and devastation (1492-1763).	Glory of New France
SOC.5.4.1.2.B	Encounter, colonization, and devastation (1492-1763).	Modern Explorations
SOC.5.4.1.2.B	Encounter, colonization, and devastation (1492-1763).	The Louisiana Purchase
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	A New Nation
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	A Search for Freedom
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	A Turning Point Reached
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	Modern Explorations
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	Problems With England
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	The Louisiana Purchase
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	War for Independence
SOC.5.4.1.2.C	Revolution and the Constitution (1763-1791).	War of Independence
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Benjamin Franklin: A Good Citizen
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Benjamin Franklin: A Successful Man
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Early Settlements
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Inventions and New Ideas
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Life in New England Colonies
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Modern Explorations
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	New England Activities
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Printed and Postal Communication
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Problems With England

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Washington - Social Studies - Grades 3-5

SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	Southern Activities
SOC.5.4.2.1	Understands and analyzes how individuals caused change in U.S. history.	The Louisiana Purchase
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Early Settlements
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Expansion and More War
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Life in New England Colonies
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Modern Explorations
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Printed and Postal Communication
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Progress of Communication in America
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Progress of Transportation After 1800
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Progress of Transportation in Early America
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	Southern Activities
SOC.5.4.2.2	Analyzes how people from various cultural groups have shaped the history of the United States.	The Louisiana Purchase
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Communication and World Leadership
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Development of Power
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Electronic Communication
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Expansion and More War
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Exploration Tools
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Inventions and New Ideas
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Life in New England Colonies
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Modern Explorations
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Printed and Postal Communication
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Progress of Communication in America

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Washington - Social Studies - Grades 3-5

SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Progress of Transportation After 1800
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Progress of Transportation in Early America
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	Steamboat and Rail Transportation
SOC.5.4.2.3	Understands how technology and ideas have affected the way people lived and changed their values, beliefs, and attitudes.	The Louisiana Purchase
SOC.5.4.3.1	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	Early Settlements
SOC.5.4.3.1	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	Expansion from Sea to Sea
SOC.5.4.3.1	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	Life in New England Colonies
SOC.5.4.3.1	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	Modern Explorations
SOC.5.4.3.1	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	Southern Activities
SOC.5.4.3.1	Analyzes the multiple perspectives and interpretations of historical events in U.S. history.	The Louisiana Purchase
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Early Settlements
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Expansion and More War
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Life in New England Colonies
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Modern Explorations
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Printed and Postal Communication
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Progress of Communication in America
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Progress of Transportation After 1800
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Progress of Transportation in Early America
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Project: Pledge of Allegiance
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	Southern Activities
SOC.5.4.3.2	Analyzes the multiple causes of change and conflict in U.S. history.	The Louisiana Purchase
SOC.5.4.4.1	Understands that significant historical events in the United States have implications for current decisions and influence the future.	Modern Explorations
SOC.5.4.4.1	Understands that significant historical events in the United States have implications for current decisions and influence the future.	Project: Mapping

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SOC.5.4.4.1	Understands that significant historical events in the United States have implications for current decisions and influence the future.	The Louisiana Purchase
SOC.5.5.1.2	Evaluates the relevance of facts used in forming a position on an issue or event.	Project: Mapping
SOC.5.5.2.1	Understands how essential questions define the significance of researching an issue or event.	Project: Mapping
SOC.5.5.3.1	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Essay: American Creed
SOC.5.5.3.1	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Essay: Explorers Play
SOC.5.5.3.1	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Essay: Skit
SOC.5.5.3.1	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Expansion from Sea to Sea
SOC.5.5.3.1	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Modern Explorations
SOC.5.5.3.1	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Project: Mapping
SOC.5.5.3.1	Engages others in discussions that attempt to clarify and address multiple viewpoints on public issues based on key ideals.	Searchers of Gold, Glory, and Spices
SOC.5.5.4.1	Researches multiple perspectives to take a position on a public or historical issue in a paper or presentation.	A Century of Trial
SOC.5.5.4.1	Researches multiple perspectives to take a position on a public or historical issue in a paper or presentation.	Essay: American Creed
SOC.5.5.4.1	Researches multiple perspectives to take a position on a public or historical issue in a paper or presentation.	Essay: Family Travel
SOC.5.5.4.1	Researches multiple perspectives to take a position on a public or historical issue in a paper or presentation.	Essay: Skit
SOC.5.5.4.1	Researches multiple perspectives to take a position on a public or historical issue in a paper or presentation.	Expansion from Sea to Sea
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grade 3	
Grade:	Grade 4	
Grade:	Grade 5	
Section	Description	Lesson Title
SOC.5.A.1.1	Analyzes the religious, political, and economic motives of immigrants from different parts of Europe who came to the colonies.	Glory of New France
SOC.5.A.1.1	Analyzes the religious, political, and economic motives of immigrants from different parts of Europe who came to the colonies.	New England Colonies
SOC.5.A.1.1	Analyzes the religious, political, and economic motives of immigrants from different parts of Europe who came to the colonies.	New England, Middle, and Southern Colonies

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SOC.5.A.1.1	Analyzes the religious, political, and economic motives of immigrants from different parts of Europe who came to the colonies.	New World Colonies (Part 1)
SOC.5.A.1.1	Analyzes the religious, political, and economic motives of immigrants from different parts of Europe who came to the colonies.	Steamboat and Rail Transportation
SOC.5.A.1.2	Explains why and how African people were imported as slaves to the colonies.	Glory of New France
SOC.5.A.1.2	Explains why and how African people were imported as slaves to the colonies.	Life in the Southern Colonies
SOC.5.A.1.3	Explain why there were conflicts among European nations over the colonies.	Glory of New France
SOC.5.A.1.3	Explain why there were conflicts among European nations over the colonies.	New England Colonies
SOC.5.A.1.3	Explain why there were conflicts among European nations over the colonies.	New England, Middle, and Southern Colonies
SOC.5.A.1.3	Explain why there were conflicts among European nations over the colonies.	New World Colonies (Part 1)
SOC.5.A.1.3	Explain why there were conflicts among European nations over the colonies.	Project: Pledge of Allegiance
SOC.5.A.2.1	Use maps and globes to describe the movement of people from Europe and Africa to the colonies.	Maps
SOC.5.A.2.1	Use maps and globes to describe the movement of people from Europe and Africa to the colonies.	Modern Communication and the Government
SOC.5.A.2.1	Use maps and globes to describe the movement of people from Europe and Africa to the colonies.	New England Colonies
SOC.5.A.2.1	Use maps and globes to describe the movement of people from Europe and Africa to the colonies.	New England, Middle, and Southern Colonies
SOC.5.A.2.1	Use maps and globes to describe the movement of people from Europe and Africa to the colonies.	New World Colonies (Part 1)
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	Central America: Contrasts in Culture
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	Central America: Contrasts in Daily Life
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	Glory of New France
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	Mexico
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	New England Clothing and Schools
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	New England Colonies
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	New England, Middle, and Southern Colonies
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	New World Colonies (Part 1)

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SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	New World Colonies (Part 2)
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	Spirit of Friendship
SOC.5.A.2.2	Compare and contrast the colonies in terms of geographic region, economic activity, and cultural and religious norms.	The New England States
SOC.5.A.2.3	Explain why and how African people were enslaved and forcibly brought to the colonies.	Glory of New France
SOC.5.A.2.3	Explain why and how African people were enslaved and forcibly brought to the colonies.	Life in the Southern Colonies
SOC.5.A.2.4	Explain the consequences of European immigration for the native peoples of the Americas.	Immigration and Urbanization
SOC.5.A.3.1	Examine how people made a living in the colonies.	Middle Colonies
SOC.5.A.3.1	Examine how people made a living in the colonies.	New England Colonies
SOC.5.A.3.1	Examine how people made a living in the colonies.	New England, Middle, and Southern Colonies
SOC.5.A.3.1	Examine how people made a living in the colonies.	New World Colonies (Part 1)
SOC.5.A.3.1	Examine how people made a living in the colonies.	Project: Colonies Map
SOC.5.A.3.1	Examine how people made a living in the colonies.	Southern Activities
SOC.5.A.3.1	Examine how people made a living in the colonies.	Southern Colonies
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	Central America: Contrasts in Culture
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	Central America: Contrasts in Daily Life
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	Life in the Middle Colonies
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	Mexico
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	Mexico: Contrasts in Cultures
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	New England Colonies
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	New England, Middle, and Southern Colonies
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	New World Colonies (Part 1)
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	New World Colonies (Part 2)
SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	Spirit of Friendship

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Washington - Social Studies - Grades 3-5**

SOC.5.A.3.2	Compare and contrast the economic regions in the Americas and explain how labor systems developed to support them.	The New England States
SOC.5.A.3.3	Explain the role of entrepreneurship in the establishment of the colonies	Glory of New France
SOC.5.A.3.3	Explain the role of entrepreneurship in the establishment of the colonies	New England Colonies
SOC.5.A.3.3	Explain the role of entrepreneurship in the establishment of the colonies	New England, Middle, and Southern Colonies
SOC.5.A.3.3	Explain the role of entrepreneurship in the establishment of the colonies	New World Colonies (Part 1)
SOC.5.B.1.1	Explain how critical events led to the Revolutionary War.	A Search for Freedom
SOC.5.B.1.1	Explain how critical events led to the Revolutionary War.	A Turning Point Reached
SOC.5.B.1.1	Explain how critical events led to the Revolutionary War.	Problems With England
SOC.5.B.1.1	Explain how critical events led to the Revolutionary War.	War for Independence
SOC.5.B.1.1	Explain how critical events led to the Revolutionary War.	War of Independence
SOC.5.B.1.2	Create a time line of the critical events leading to the American Revolution.	A Search for Freedom
SOC.5.B.1.2	Create a time line of the critical events leading to the American Revolution.	Essay: Family Travel
SOC.5.B.1.2	Create a time line of the critical events leading to the American Revolution.	Maps
SOC.5.B.1.2	Create a time line of the critical events leading to the American Revolution.	Problems With England
SOC.5.B.1.2	Create a time line of the critical events leading to the American Revolution.	Project: Mapping
SOC.5.B.1.2	Create a time line of the critical events leading to the American Revolution.	War of Independence
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	Central America: Contrasts in Culture
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	Central America: Contrasts in Daily Life
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	Expansion from Sea to Sea
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	Mexico
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	New World Colonies (Part 2)
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	Problems With England
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	Spirit of Friendship
SOC.5.B.1.3	Compare and contrast the perspectives of the Loyalists and Patriots	The New England States
SOC.5.B.2.1	Analyze origins of democratic ideals.	Early Settlements
SOC.5.B.2.1	Analyze origins of democratic ideals.	Life in New England Colonies
SOC.5.B.2.1	Analyze origins of democratic ideals.	Southern Activities
SOC.5.B.2.2	Examine the grievances and infractions imposed on the colonists that led them to revolt.	A Search for Freedom
SOC.5.B.2.2	Examine the grievances and infractions imposed on the colonists that led them to revolt.	Problems With England
SOC.5.B.2.2	Examine the grievances and infractions imposed on the colonists that led them to revolt.	War of Independence

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SOC.5.B.2.3	Examine the major ideas expressed in the Declaration of Independence and how these ideas shaped the thinking of the founders of the nation.	Benjamin Franklin: A Good Citizen
SOC.5.B.2.3	Examine the major ideas expressed in the Declaration of Independence and how these ideas shaped the thinking of the founders of the nation.	Benjamin Franklin: A Successful Man
SOC.5.B.2.3	Examine the major ideas expressed in the Declaration of Independence and how these ideas shaped the thinking of the founders of the nation.	Democracy
SOC.5.B.2.3	Examine the major ideas expressed in the Declaration of Independence and how these ideas shaped the thinking of the founders of the nation.	Independence Declared
SOC.5.B.2.4	Recognize the inconsistencies stated in the Declaration of Independence and the conditions of the time (e.g. slavery, women rights, treaties with native peoples).	Democracy
SOC.5.B.2.4	Recognize the inconsistencies stated in the Declaration of Independence and the conditions of the time (e.g. slavery, women rights, treaties with native peoples).	Independence Declared
SOC.5.B.2.4	Recognize the inconsistencies stated in the Declaration of Independence and the conditions of the time (e.g. slavery, women rights, treaties with native peoples).	Life in the Southern Colonies
SOC.5.B.2.4	Recognize the inconsistencies stated in the Declaration of Independence and the conditions of the time (e.g. slavery, women rights, treaties with native peoples).	Mosaic of People
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Expansion and More War
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Middle Colonies
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Printed and Postal Communication
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Progress of Communication in America
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Progress of Transportation After 1800
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Progress of Transportation in Early America
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Project: Colonies Map
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Southern Activities
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	Southern Colonies
SOC.5.C.1.1	Describe how the colonies changed as they established themselves as one nation.	The Louisiana Purchase
SOC.5.C.1.2	Describe the major conflicts among the colonies as they created one nation.	Middle Colonies
SOC.5.C.1.2	Describe the major conflicts among the colonies as they created one nation.	Problems Between the North and the South
SOC.5.C.1.2	Describe the major conflicts among the colonies as they created one nation.	Project: Colonies Map
SOC.5.C.1.2	Describe the major conflicts among the colonies as they created one nation.	Project: Pledge of Allegiance
SOC.5.C.1.2	Describe the major conflicts among the colonies as they created one nation.	Southern Activities

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SOC.5.C.1.2	Describe the major conflicts among the colonies as they created one nation.	Southern Colonies
SOC.5.C.2.1	Identify the key values and principles of the Constitution--individual human dignity, liberty, justice, equality, and the rule of law and applies these values and principles to specific situations.	A Century of Trial
SOC.5.C.2.1	Identify the key values and principles of the Constitution--individual human dignity, liberty, justice, equality, and the rule of law and applies these values and principles to specific situations.	A New Nation
SOC.5.C.2.1	Identify the key values and principles of the Constitution--individual human dignity, liberty, justice, equality, and the rule of law and applies these values and principles to specific situations.	System of Government and Challenge of Unity
SOC.5.C.2.2	Examine how well the national government and our Constitution has protected individual rights and promoted the common good both then and now.	A New Nation
SOC.5.C.2.2	Examine how well the national government and our Constitution has protected individual rights and promoted the common good both then and now.	Problems With England
SOC.5.C.2.2	Examine how well the national government and our Constitution has protected individual rights and promoted the common good both then and now.	Progress of Transportation in Early America
SOC.5.C.2.3	Analyze the significance of the Bill of Rights both then and now.	A Century of Trial
SOC.5.C.2.3	Analyze the significance of the Bill of Rights both then and now.	A New Nation
SOC.5.C.2.3	Analyze the significance of the Bill of Rights both then and now.	Problems With England
SOC.5.C.2.3	Analyze the significance of the Bill of Rights both then and now.	Progress of Transportation in Early America
SOC.5.C.2.3	Analyze the significance of the Bill of Rights both then and now.	System of Government and Challenge of Unity
SOC.5.C.2.5	Explain the role of citizen in American democracy	Southern Activities

**Alignment Report for Civil War
Washington - Social Studies - Grades 6-8**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Social Studies
Grade:	Grade 6
Grade:	Grade 7
Grade:	Grade 8

Section	Description	Lesson Title
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Project: Effects of Amendments
SOC.8.1.1.2.a.1	How amendments to the Constitution have sought to extend rights to new groups; and	Being a Soldier
SOC.8.1.2.1.a	Understands and analyzes the structure and powers of government at the national level.	Project: Human Rights
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Project: Human Rights
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Life of a Slave
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Why Fight?
SOC.8.4.2.1.a	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Leadership of Two Presidents
SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Being a Soldier
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Project: Human Rights
SOC.8.5.1.2.a	Evaluates the logic of reasons for a position on an issue or event.	Project: Human Rights
SOC.8.5.2.2.a	Evaluates the logic of positions in primary and secondary sources to interpret an issue or event.	Project: Human Rights

Standard:	Learning Standards
Subject:	Social Studies
Grade:	Grade 6
Grade:	Grade 7
Grade:	Grade 8

Section	Description	Lesson Title
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Project: Effects of Amendments
SOC.8.1.1.2.A	How amendments to the Constitution have sought to extend rights to new groups.	Being a Soldier
SOC.8.1.2.1	Understands and analyzes the structure and powers of government at the national level.	Project: Human Rights
SOC.8.1.4.1	Analyzes how a position on an issue attempts to balance individual rights and the common good.	Project: Human Rights
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Project: Human Rights

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SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Project: Human Rights
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Project: Human Rights
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Project: Human Rights
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Project: Human Rights
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Life of a Slave
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Why Fight?
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Lee and Grant
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Reconstruction Begins
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Reconstruction of a Nation
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Development of Two Cultures--Part 1
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Being a Soldier
SOC.8.5.1.2	Evaluates the logic of reasons for a position on an issue or event.	Project: Human Rights
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grade 6	
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
SOC.8.C.1.3	Using examples of different groups of people in American society, identify instances in which rights were denied and the struggles that ensued to gain their rights	Being a Soldier
SOC.8.C.1.4	Analyze the tensions that arise between individual liberties and the common good	Project: Human Rights
SOC.8.C.1.5	Using examples of different groups who fought for the right to vote, explain why voting is both a privilege and a responsibility	Being a Soldier
SOC.8.C.1.6	Analyze a controversial public issue or problem and offer potential solutions	Project: Human Rights
SOC.8.A.1.1	Identify and analyze the strengths and weaknesses of the Articles of Confederation	Project: Human Rights
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Project: Human Rights
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Being a Soldier
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Leadership of Two Presidents
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	Project: Human Rights

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SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Abolition and John Brown
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Causes of Secession
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Kansas-Nebraska Act
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Life of a Slave
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Political Compromises
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Project: The Art of Compromise
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	The Kansas Issue
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Why Fight?
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Life of a Slave
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Project: Human Rights

**Alignment Report for Civil War
Washington - Social Studies - Grades 6-8**

SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Why Fight?
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Being a Soldier
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Lee and Grant
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Political Compromises
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Project: Human Rights
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Project: The Art of Compromise
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Why Fight?
SOC.8.C.2.1	Explain the origins and impacts of the suffragist movement in the United States	Project: Human Rights
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Being a Soldier
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Lee and Grant
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Political Compromises
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Project: Human Rights
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Project: The Art of Compromise
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Why Fight?
SOC.8.C.2.4	Examine Abraham Lincoln's presidency and his significant writings and speeches	Leadership of Two Presidents
SOC.8.C.2.4	Examine Abraham Lincoln's presidency and his significant writings and speeches	Project: Two Presidents
SOC.8.C.2.4	Examine Abraham Lincoln's presidency and his significant writings and speeches	Storm over Sumter
SOC.8.C.2.4	Examine Abraham Lincoln's presidency and his significant writings and speeches	Triumph and Tragedy
SOC.8.C.2.5	Compare and contrast competing plans for Reconstruction and the resulting impact on African Americans and the South	Reconstruction Begins
SOC.8.C.2.5	Compare and contrast competing plans for Reconstruction and the resulting impact on African Americans and the South	Reconstruction of a Nation
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Development of Two Cultures--Part 1
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Development of Two Cultures--Part 1
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Project: Human Rights
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Development of Two Cultures--Part 1

**Alignment Report for History And Geography 600
Washington - Social Studies - Grades 6-8**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grade 6	
Section	Description	Lesson Title
SOC.6.1.2.3.a	Understands a variety of forms of government from the past or present.	Communism Versus Democracy
SOC.6.1.2.3.a	Understands a variety of forms of government from the past or present.	Project: Database
SOC.6.1.3.1.a	Analyzes how societies have interacted with one another in the past or present.	Anglo-American, Latin American, and African Culture
SOC.6.1.3.1.a	Analyzes how societies have interacted with one another in the past or present.	Communism Versus Democracy
SOC.6.1.3.1.a	Analyzes how societies have interacted with one another in the past or present.	Greece: City-States
SOC.6.1.3.1.a	Analyzes how societies have interacted with one another in the past or present.	The Feudal System
SOC.6.2.1.1.a	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Eastern Europe
SOC.6.2.1.1.a	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Essay: Pollution
SOC.6.2.1.1.a	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Greece: City-States
SOC.6.2.1.1.a	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Renaissance: Religion and Other Fields
SOC.6.2.2.2.a	Understands how the forces of supply and demand have affected international trade in the past or present.	Brazil: Geography
SOC.6.2.2.2.a	Understands how the forces of supply and demand have affected international trade in the past or present.	Brazil: People, History
SOC.6.2.2.2.a	Understands how the forces of supply and demand have affected international trade in the past or present.	Brazil: Today and Tomorrow
SOC.6.2.2.2.a	Understands how the forces of supply and demand have affected international trade in the past or present.	Chile
SOC.6.2.2.2.a	Understands how the forces of supply and demand have affected international trade in the past or present.	Colombia: Geography, People
SOC.6.2.2.2.a	Understands how the forces of supply and demand have affected international trade in the past or present.	South America
SOC.6.2.2.2.a	Understands how the forces of supply and demand have affected international trade in the past or present.	Venezuela: History, Today and Tomorrow
SOC.6.2.3.1.a	Understands the role of government in the world's economies through the creation of money, taxation, and spending in the past or present.	The Industrial Revolution
SOC.6.3.1.1.a	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Africa
SOC.6.3.1.1.a	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Eastern Hemisphere: Europe and Asia
SOC.6.3.1.1.a	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Equatorial Countries
SOC.6.3.1.1.a	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Project: Database
SOC.6.3.1.1.a	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Project: Mapping
SOC.6.3.1.1.a	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Southern Africa

**Alignment Report for History And Geography 600
Washington - Social Studies - Grades 6-8**

SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Brazil: Geography
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Eastern Hemisphere: Africa
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Eastern Hemisphere: Europe and Asia
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Equatorial Countries
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Essay: Pollution
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Mapping the Earth: Latitude and Longitude
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Mapping the Earth: Time Zones
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Report: Brazilian Regions
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Southern Africa
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	The Civilizations of China and India
SOC.6.3.1.2.a	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Western Hemisphere: South America
SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Argentina
SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Brazil: People, History
SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Brazil: Today and Tomorrow
SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Chile
SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Countries of Ecuador, Peru, and Bolivia
SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Guyana, Suriname, French Guiana
SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	South America

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SOC.6.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Venezuela: History, Today and Tomorrow
SOC.6.3.2.2.a	Understands the characteristics of cultures in the world from the past or in the present.	Eastern Orthodox Church and Byzantine Art
SOC.6.3.2.3.a	Understands the geographic factors that influence the movement of groups of people in the past or present.	Africa
SOC.6.3.2.3.a	Understands the geographic factors that influence the movement of groups of people in the past or present.	Central Africa
SOC.6.3.2.3.a	Understands the geographic factors that influence the movement of groups of people in the past or present.	Eastern Hemisphere: Africa
SOC.6.3.2.3.a	Understands the geographic factors that influence the movement of groups of people in the past or present.	Introduction and Northern Africa
SOC.6.3.2.3.a	Understands the geographic factors that influence the movement of groups of people in the past or present.	Western Hemisphere: South America
SOC.6.4.1.1.a	Analyzes different cultural measurements of time.	Eastern Orthodox Church and Byzantine Art
SOC.6.4.1.2.a.1	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Cradle of Civilization: Mesopotamia
SOC.6.4.1.2.a.1	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Greece: City-States
SOC.6.4.1.2.a.1	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Mesopotamia: Babylonia and Assyria
SOC.6.4.1.2.a.1	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.1.2.a.1	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	The Civilizations of China and India
SOC.6.4.1.2.a.1	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	The Daily Life
SOC.6.4.1.2.a.1	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	The Feudal System
SOC.6.4.1.2.a.2	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Cradle of Civilization: Mesopotamia
SOC.6.4.1.2.a.2	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Greece: City-States
SOC.6.4.1.2.a.2	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Mesopotamia: Babylonia and Assyria
SOC.6.4.1.2.a.2	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.1.2.a.2	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	The Civilizations of China and India
SOC.6.4.1.2.a.2	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	The Daily Life
SOC.6.4.1.2.a.2	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	The Feudal System
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Age of Unrest
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Age of Unrest: World War I
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Cradle of Civilization: Egypt, Israel

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SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Cradle of Civilization: Mesopotamia
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Egypt - The Old Kingdom
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Essay: World War I
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	European, Middle Eastern, Eastern, South Asian Culture
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Greece: Contributions
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Renaissance: Religion and Other Fields
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	The Civilizations of China and India
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	The Daily Life
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	The Feudal System
SOC.6.4.2.1.a	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Western Europe
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Africa
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Age of Unrest
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Age of Unrest: World War I
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Central Africa
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Cradle of Civilization: Mesopotamia
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Eastern Orthodox Church and Byzantine Art
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Essay: Awakenings
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Essay: World War I
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Introduction and Northern Africa
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Mesopotamia: Fertile Crescent and Sumer

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SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	The Civilizations of China and India
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	The Daily Life
SOC.6.4.2.2.a	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	The Feudal System
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Age of Unrest
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Age of Unrest: World War I
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Books and Schools
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Cradle of Civilization: Mesopotamia
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Essay: Pollution
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Essay: World War I
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	The Civilizations of China and India
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	The Daily Life
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	The Feudal System
SOC.6.4.2.3.a	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Western Europe
SOC.6.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Cradle of Civilization: Mesopotamia
SOC.6.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Report: Country
SOC.6.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	The Civilizations of China and India
SOC.6.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	The Daily Life
SOC.6.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	The Feudal System
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	Cradle of Civilization: Egypt, Israel
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	Cradle of Civilization: Mesopotamia
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	Egypt - The New Kingdom
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	Egypt - The Old Kingdom
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	The Civilizations of China and India
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	The Crusades

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SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	The Daily Life
SOC.6.4.3.2.a	Analyzes multiple causal factors that shape major events in ancient history.	The Feudal System
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	Colombia: Geography, People
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	Cradle of Civilization: Mesopotamia
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	Project: Database
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	The Civilizations of China and India
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	The Daily Life
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	The Feudal System
SOC.6.4.4.1.a	Analyzes how an event in ancient history helps us to understand a current issue.	Venezuela: History, Today and Tomorrow
SOC.6.5.1.1.a	Understands positions on an issue or event.	Essay: Depression Era
SOC.6.5.1.1.a	Understands positions on an issue or event.	Project: Database
SOC.6.5.1.1.a	Understands positions on an issue or event.	Report: Country
SOC.6.5.1.2.a	Evaluates the significance of information used to support positions on an issue or event.	Essay: Depression Era
SOC.6.5.1.2.a	Evaluates the significance of information used to support positions on an issue or event.	Project: Database
SOC.6.5.2.1.a	Creates and uses research questions to guide inquiry on an historical event.	Books and Schools
SOC.6.5.2.1.a	Creates and uses research questions to guide inquiry on an historical event.	Report: Guianas
SOC.6.5.2.2.a	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Essay: Depression Era
SOC.6.5.2.2.a	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Project: Database
SOC.6.5.2.2.a	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Report: Guianas
SOC.6.5.3.1.a	Engages in discussions that clarify and address multiple viewpoints on public issues.	Essay: Awakenings
SOC.6.5.3.1.a	Engages in discussions that clarify and address multiple viewpoints on public issues.	Essay: Depression Era
SOC.6.5.3.1.a	Engages in discussions that clarify and address multiple viewpoints on public issues.	Report: Country
SOC.6.5.4.1.a	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	Essay: Awakenings
SOC.6.5.4.1.a	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	Mesopotamia: Babylonia and Assyria

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SOC.6.5.4.1.a	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	The Crusades
SOC.6.5.4.1.a	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	The Feudal System
SOC.6.5.4.2.a	Understands and demonstrates the ethical responsibility one has in using and citing sources and the rules related to plagiarism and copyrighting.	Cradle of Civilization: Mesopotamia
SOC.6.5.4.2.a	Understands and demonstrates the ethical responsibility one has in using and citing sources and the rules related to plagiarism and copyrighting.	Essay: Depression Era
SOC.6.5.4.2.a	Understands and demonstrates the ethical responsibility one has in using and citing sources and the rules related to plagiarism and copyrighting.	Mesopotamia: Fertile Crescent and Sumer
Grade:	Grade 7	
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grade 6	
Section	Description	Lesson Title
SOC.6.1.2.3	Understands a variety of forms of government from the past or present.	Communism Versus Democracy
SOC.6.1.2.3	Understands a variety of forms of government from the past or present.	Project: Database
SOC.6.1.2.3	Understands a variety of forms of government from the past or present.	Report: World War I
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	Anglo-American, Latin American, and African Culture
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	Communism Versus Democracy
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	Empire of Greece
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	Greece: City-States
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	Guyana, Suriname, French Guiana
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	Report: Chile
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	Report: World War I
SOC.6.1.3.1	Analyzes how societies have interacted with one another in the past or present.	The Feudal System
SOC.6.1.4.1	Understands the historical origins of civic involvement.	Books and Schools
SOC.6.2.1.1	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Eastern Europe
SOC.6.2.1.1	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Greece: City-States
SOC.6.2.1.1	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Guyana, Suriname, French Guiana
SOC.6.2.1.1	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Renaissance: Religion and Other Fields
SOC.6.2.1.1	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Report: Chile

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SOC.6.2.1.1	Analyzes the costs and benefits of economic choices made by groups and individuals in the past or present.	Report: World War I
SOC.6.2.2.1	Understands the production, distribution, and consumption of goods, services, and resources in societies from the past or in the present.	Greece: City-States
SOC.6.2.2.1	Understands the production, distribution, and consumption of goods, services, and resources in societies from the past or in the present.	Report: World War I
SOC.6.2.2.1	Understands the production, distribution, and consumption of goods, services, and resources in societies from the past or in the present.	The Feudal System
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	Brazil: Geography
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	Brazil: People, History
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	Brazil: Today and Tomorrow
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	Chile
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	Colombia: Geography, People
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	Report: World War I
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	South America
SOC.6.2.2.2	Understands how the forces of supply and demand have affected international trade in the past or present.	Venezuela: History, Today and Tomorrow
SOC.6.2.3.1	Understands the role of government in the world's economies through the creation of money, taxation, and spending in the past or present.	Report: World War I
SOC.6.2.4.1	Understands the distribution of wealth and sustainability of resources in the world in the past or present.	Report: World War I
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Africa
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Early History: North and Central European Countries
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Eastern Hemisphere: Europe and Asia
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Ecuador, Peru, and Bolivia: Geography
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Equatorial Countries
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Mapping the Earth: Latitude and Longitude
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Project: Database
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Project: Globe
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Project: Mapping
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	Southern Africa

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SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Brazil: Geography
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Eastern Hemisphere: Africa
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Eastern Hemisphere: Europe and Asia
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Equatorial Countries
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Essay: Pollution
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Mapping the Earth: Latitude and Longitude
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Mapping the Earth: Time Zones
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Report: Brazilian Regions
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Southern Africa
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	The Civilizations of China and India
SOC.6.3.1.2	Identifies the location of places and regions in the world and understands their physical and cultural characteristics.	Western Hemisphere: South America
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Argentina
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Brazil: People, History
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Brazil: Today and Tomorrow
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Chile
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Countries of Ecuador, Peru, and Bolivia
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Guyana, Suriname, French Guiana
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Report: Chile

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SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Report: World War I
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	South America
SOC.6.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in the past or present.	Venezuela: History, Today and Tomorrow
SOC.6.3.2.2	Understands the characteristics of cultures in the world from the past or in the present.	Eastern Orthodox Church and Byzantine Art
SOC.6.3.2.2	Understands the characteristics of cultures in the world from the past or in the present.	Essay: Awakenings
SOC.6.3.2.2	Understands the characteristics of cultures in the world from the past or in the present.	Report: World War I
SOC.6.3.2.3	Understands the geographic factors that influence the movement of groups of people in the past or present.	Africa
SOC.6.3.2.3	Understands the geographic factors that influence the movement of groups of people in the past or present.	Central Africa
SOC.6.3.2.3	Understands the geographic factors that influence the movement of groups of people in the past or present.	Eastern Hemisphere: Africa
SOC.6.3.2.3	Understands the geographic factors that influence the movement of groups of people in the past or present.	Introduction and Northern Africa
SOC.6.3.2.3	Understands the geographic factors that influence the movement of groups of people in the past or present.	Report: World War I
SOC.6.3.2.3	Understands the geographic factors that influence the movement of groups of people in the past or present.	Western Hemisphere: South America
SOC.6.4.1.1	Analyzes different cultural measurements of time.	Essay: Awakenings
SOC.6.4.1.1	Analyzes different cultural measurements of time.	Guyana, Suriname, French Guiana
SOC.6.4.1.1	Analyzes different cultural measurements of time.	Report: Chile
SOC.6.4.1.2.A	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Books and Schools
SOC.6.4.1.2.A	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Communism Versus Democracy
SOC.6.4.1.2.A	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Essay: Awakenings
SOC.6.4.1.2.A	Explaining and comparing the rise of civilizations from 8000 BCE to 200 CE on two or more continents.	Mesopotamia: Babylonia and Assyria
SOC.6.4.1.2.B	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Books and Schools
SOC.6.4.1.2.B	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Communism Versus Democracy
SOC.6.4.1.2.B	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Essay: Awakenings
SOC.6.4.1.2.B	Explaining and comparing the rise of civilizations from 200 CE to 600 CE on two or more continents.	Mesopotamia: Babylonia and Assyria
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Age of Unrest
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Age of Unrest: World War I

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SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Cradle of Civilization: Egypt, Israel
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Cradle of Civilization: Mesopotamia
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Eastern Europe
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Egypt - The New Kingdom
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Egypt - The Old Kingdom
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Essay: World War I
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Greece: City-States
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Guyana, Suriname, French Guiana
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Renaissance: Religion and Other Fields
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Report: Chile
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	The Civilizations of China and India
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	The Daily Life
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	The Feudal System
SOC.6.4.2.1	Understands and analyzes how individuals and movements from ancient civilizations have shaped world history.	Western Europe
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Africa
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Age of Unrest
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Age of Unrest: World War I
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Central Africa

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SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Cradle of Civilization: Mesopotamia
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Essay: World War I
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Guyana, Suriname, French Guiana
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Introduction and Northern Africa
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	Report: Chile
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	The Civilizations of China and India
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	The Daily Life
SOC.6.4.2.2	Understands and analyzes how cultures and cultural groups in ancient civilizations contributed to world history.	The Feudal System
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Age of Unrest
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Age of Unrest: World War I
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Books and Schools
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Cradle of Civilization: Mesopotamia
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Essay: Pollution
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Essay: World War I
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Guyana, Suriname, French Guiana
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	Report: Chile
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	The Civilizations of China and India
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	The Daily Life
SOC.6.4.2.3	Understands and analyzes how technology and ideas from ancient civilizations have impacted world history.	The Feudal System
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Cradle of Civilization: Mesopotamia
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Essay: Depression Era
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Guyana, Suriname, French Guiana
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Report: Chile
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	Report: Country

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SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	The Civilizations of China and India
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	The Daily Life
SOC.6.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in ancient history.	The Feudal System
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	Books and Schools
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	Cradle of Civilization: Mesopotamia
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	Guyana, Suriname, French Guiana
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	Report: Chile
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	The Civilizations of China and India
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	The Crusades
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	The Daily Life
SOC.6.4.3.2	Analyzes multiple causal factors that shape major events in ancient history.	The Feudal System
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Cradle of Civilization: Egypt, Israel
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Cradle of Civilization: Mesopotamia
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Egypt - The New Kingdom
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Egypt - The Old Kingdom
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Guyana, Suriname, French Guiana
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Mesopotamia: Fertile Crescent and Sumer
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Project: Database
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	Report: Chile
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	The Civilizations of China and India
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	The Daily Life
SOC.6.4.4.1	Analyzes how an event in ancient history helps us to understand a current issue.	The Feudal System
SOC.6.5.1.1	Understands positions on an issue or event.	Essay: Depression Era
SOC.6.5.1.1	Understands positions on an issue or event.	Project: Database
SOC.6.5.1.1	Understands positions on an issue or event.	Report: Country
SOC.6.5.1.2	Evaluates the significance of information used to support positions on an issue or event.	Project: Database
SOC.6.5.2.1	Creates and uses research questions to guide inquiry on an historical event.	Report: Guianas

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SOC.6.5.2.2	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Essay: Depression Era
SOC.6.5.2.2	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Guyana, Suriname, French Guiana
SOC.6.5.2.2	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Project: Database
SOC.6.5.2.2	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Report: Chile
SOC.6.5.2.2	Analyzes the validity, reliability, and credibility of information from a variety of primary and secondary sources while researching an issue or event.	Report: Guianas
SOC.6.5.3.1	Engages in discussions that clarify and address multiple viewpoints on public issues.	Essay: Awakenings
SOC.6.5.3.1	Engages in discussions that clarify and address multiple viewpoints on public issues.	Essay: Depression Era
SOC.6.5.3.1	Engages in discussions that clarify and address multiple viewpoints on public issues.	Project: Database
SOC.6.5.3.1	Engages in discussions that clarify and address multiple viewpoints on public issues.	Report: Country
SOC.6.5.4.1	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	Essay: Awakenings
SOC.6.5.4.1	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	Guyana, Suriname, French Guiana
SOC.6.5.4.1	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	Mesopotamia: Babylonia and Assyria
SOC.6.5.4.1	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	Report: Chile
SOC.6.5.4.1	Analyzes multiple factors, compares two groups, generalizes, and connects past to present to formulate a thesis in a paper or presentation.	Report: World War I
SOC.6.5.4.2	Understands and demonstrates the ethical responsibility one has in using and citing sources and the rules related to plagiarism and copyright.	Essay: Depression Era
Grade:	Grade 7	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grade 6	
Section	Description	Lesson Title
SOC.6.A.1.1	Identify the purposes of using different map projections and globes	Early History: North and Central European Countries
SOC.6.A.1.1	Identify the purposes of using different map projections and globes	Ecuador, Peru, and Bolivia: Geography
SOC.6.A.1.1	Identify the purposes of using different map projections and globes	Mapping the Earth: Latitude and Longitude

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SOC.6.A.1.2	Compare a globe to a variety of world map projections in order to observe that the four characteristics of shape, size, distance, and direction are accurately preserved only on a globe	Early History: North and Central European Countries
SOC.6.A.1.2	Compare a globe to a variety of world map projections in order to observe that the four characteristics of shape, size, distance, and direction are accurately preserved only on a globe	Ecuador, Peru, and Bolivia: Geography
SOC.6.A.1.2	Compare a globe to a variety of world map projections in order to observe that the four characteristics of shape, size, distance, and direction are accurately preserved only on a globe	Mapping the Earth: Latitude and Longitude
SOC.6.A.1.2	Compare a globe to a variety of world map projections in order to observe that the four characteristics of shape, size, distance, and direction are accurately preserved only on a globe	Mesopotamia: Babylonia and Assyria
SOC.6.A.1.3	Identify and compare the major differences between the two broad categories of world map projections (conformal and equal area)	Mesopotamia: Babylonia and Assyria
SOC.6.A.1.4	Construct a mental map to identify the relative location of each continent and ocean	Africa
SOC.6.A.1.4	Construct a mental map to identify the relative location of each continent and ocean	Eastern Hemisphere: Europe and Asia
SOC.6.A.1.4	Construct a mental map to identify the relative location of each continent and ocean	Equatorial Countries
SOC.6.A.1.4	Construct a mental map to identify the relative location of each continent and ocean	Southern Africa
SOC.6.B.1.1	Identify on a map or globe the specific location of places or events using the geographic grid of latitude and longitude	Brazil: Geography
SOC.6.B.1.1	Identify on a map or globe the specific location of places or events using the geographic grid of latitude and longitude	Early History: North and Central European Countries
SOC.6.B.1.1	Identify on a map or globe the specific location of places or events using the geographic grid of latitude and longitude	Ecuador, Peru, and Bolivia: Geography
SOC.6.B.1.1	Identify on a map or globe the specific location of places or events using the geographic grid of latitude and longitude	Essay: Pollution
SOC.6.B.1.1	Identify on a map or globe the specific location of places or events using the geographic grid of latitude and longitude	Mapping the Earth: Latitude and Longitude
SOC.6.B.1.1	Identify on a map or globe the specific location of places or events using the geographic grid of latitude and longitude	Mapping the Earth: Time Zones
SOC.6.B.1.1	Identify on a map or globe the specific location of places or events using the geographic grid of latitude and longitude	Western Hemisphere: South America
SOC.6.B.1.2	Identify on a map or globe specific types of regions including physical, cultural, and economic	Brazil: Geography
SOC.6.B.1.2	Identify on a map or globe specific types of regions including physical, cultural, and economic	Early History: North and Central European Countries
SOC.6.B.1.2	Identify on a map or globe specific types of regions including physical, cultural, and economic	Ecuador, Peru, and Bolivia: Geography

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SOC.6.B.1.2	Identify on a map or globe specific types of regions including physical, cultural, and economic	Essay: Pollution
SOC.6.B.1.2	Identify on a map or globe specific types of regions including physical, cultural, and economic	Mapping the Earth: Time Zones
SOC.6.B.1.2	Identify on a map or globe specific types of regions including physical, cultural, and economic	Report: Brazilian Regions
SOC.6.B.1.2	Identify on a map or globe specific types of regions including physical, cultural, and economic	Western Hemisphere: South America
SOC.6.B.1.3	Create a map that locates physical and political features of a major cultural or political region. Include the seven elements of a map	Africa
SOC.6.B.1.3	Create a map that locates physical and political features of a major cultural or political region. Include the seven elements of a map	Eastern Hemisphere: Africa
SOC.6.B.1.3	Create a map that locates physical and political features of a major cultural or political region. Include the seven elements of a map	Eastern Hemisphere: Europe and Asia
SOC.6.B.1.3	Create a map that locates physical and political features of a major cultural or political region. Include the seven elements of a map	Equatorial Countries
SOC.6.B.1.3	Create a map that locates physical and political features of a major cultural or political region. Include the seven elements of a map	Project: Mapping
SOC.6.B.1.3	Create a map that locates physical and political features of a major cultural or political region. Include the seven elements of a map	Southern Africa
SOC.6.B.1.3	Create a map that locates physical and political features of a major cultural or political region. Include the seven elements of a map	Western Hemisphere: North America
SOC.6.B.1.4	Create a map that demonstrates the growth of a city over time and its spatial organization	Africa
SOC.6.B.1.4	Create a map that demonstrates the growth of a city over time and its spatial organization	Eastern Hemisphere: Europe and Asia
SOC.6.B.1.4	Create a map that demonstrates the growth of a city over time and its spatial organization	Equatorial Countries
SOC.6.B.1.4	Create a map that demonstrates the growth of a city over time and its spatial organization	Southern Africa
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Argentina
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Brazil: People, History
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Brazil: Today and Tomorrow
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Chile
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Countries of Ecuador, Peru, and Bolivia
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Guyana, Suriname, French Guiana
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Report: Chile
SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	South America

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SOC.6.B.1.5	Analyze how the physical environment is impacted by human activity such as agriculture.	Venezuela: History, Today and Tomorrow
SOC.6.B.1.7	Compare and contrast the physical and human characteristics of different regions	Eastern Hemisphere: Africa
SOC.6.B.1.7	Compare and contrast the physical and human characteristics of different regions	Eastern Hemisphere: Europe and Asia
SOC.6.B.1.7	Compare and contrast the physical and human characteristics of different regions	Equatorial Countries
SOC.6.B.1.7	Compare and contrast the physical and human characteristics of different regions	Essay: Pollution
SOC.6.B.1.7	Compare and contrast the physical and human characteristics of different regions	Mapping the Earth: Time Zones
SOC.6.B.1.7	Compare and contrast the physical and human characteristics of different regions	Mesopotamia: Babylonia and Assyria
SOC.6.B.1.7	Compare and contrast the physical and human characteristics of different regions	Southern Africa
SOC.6.B.1.8	Analyze and explain patterns of land use in urban, suburban, and rural areas and describe the effects of these uses	Guyana, Suriname, French Guiana
SOC.6.B.1.8	Analyze and explain patterns of land use in urban, suburban, and rural areas and describe the effects of these uses	Report: Chile
SOC.6.B.1.9	Given specific data, create a graph depicting agricultural and industrial production of a region	Essay: Pollution
SOC.6.B.1.9	Given specific data, create a graph depicting agricultural and industrial production of a region	Mapping the Earth: Time Zones
SOC.6.B.1.9	Given specific data, create a graph depicting agricultural and industrial production of a region	Project: Timeline
SOC.6.B.1.10	Use mental maps of nations and regions of the world to describe the relative location of a place or region	Essay: Pollution
SOC.6.B.1.10	Use mental maps of nations and regions of the world to describe the relative location of a place or region	Mapping the Earth: Time Zones
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Argentina
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Brazil: Geography
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Brazil: People, History
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Brazil: Today and Tomorrow
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Chile
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Countries of Ecuador, Peru, and Bolivia
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Early History: North and Central European Countries

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SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Ecuador, Peru, and Bolivia: Geography
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Essay: Pollution
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Guyana, Suriname, French Guiana
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Mapping the Earth: Time Zones
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	South America
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Venezuela: History, Today and Tomorrow
SOC.6.C.1.2	Illustrate on a map the impact of humans on a particular region over a period of time and describe its resulting effects on the environment as well as communities	Western Hemisphere: South America
SOC.6.C.1.3	Compare and contrast the culture that developed in a desert area with one that developed in a wet area	Mesopotamia: Babylonia and Assyria
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Argentina
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Brazil: People, History
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Brazil: Today and Tomorrow
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Chile
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Countries of Ecuador, Peru, and Bolivia
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Guyana, Suriname, French Guiana
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Report: Chile
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	South America
SOC.6.C.1.4	Analyze how the construction of public works projects can bring about both positive and negative impacts	Venezuela: History, Today and Tomorrow
SOC.6.C.1.6	Using the most recent census data available list the different ethnic and cultural groups within a state or region and describe the opportunities and difficulties they may encounter	Project: Timeline
SOC.6.C.1.7	Compare the cultural elements of a country or region (i.e., society, government, economy, technology, art, ideas and beliefs, and trade) and to those in neighboring regions.	Essay: Pollution
SOC.6.C.1.7	Compare the cultural elements of a country or region (i.e., society, government, economy, technology, art, ideas and beliefs, and trade) and to those in neighboring regions.	Mapping the Earth: Time Zones
SOC.6.C.1.7	Compare the cultural elements of a country or region (i.e., society, government, economy, technology, art, ideas and beliefs, and trade) and to those in neighboring regions.	Mesopotamia: Babylonia and Assyria

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SOC.6.C.1.8	Analyze how cultural diffusion and transmission create patterns on the landscape	Guyana, Suriname, French Guiana
SOC.6.C.1.8	Analyze how cultural diffusion and transmission create patterns on the landscape	Report: Chile
SOC.6.C.1.8	Analyze how cultural diffusion and transmission create patterns on the landscape	The Crusades
SOC.6.C.1.9	Compare and contrast cultural philosophies and practices in regard to use of natural resources (e.g., tribal vs. governmental or private land use)	Argentina
SOC.6.C.1.9	Compare and contrast cultural philosophies and practices in regard to use of natural resources (e.g., tribal vs. governmental or private land use)	Colombia: Geography, People
SOC.6.C.1.9	Compare and contrast cultural philosophies and practices in regard to use of natural resources (e.g., tribal vs. governmental or private land use)	Colombia: History, Today and Tomorrow
SOC.6.C.1.9	Compare and contrast cultural philosophies and practices in regard to use of natural resources (e.g., tribal vs. governmental or private land use)	Guyana, Suriname, French Guiana
SOC.6.C.1.9	Compare and contrast cultural philosophies and practices in regard to use of natural resources (e.g., tribal vs. governmental or private land use)	Mesopotamia: Babylonia and Assyria
SOC.6.C.1.9	Compare and contrast cultural philosophies and practices in regard to use of natural resources (e.g., tribal vs. governmental or private land use)	Venezuela: Geography, People
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Brazil: Geography
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Cradle of Civilization: Egypt, Israel
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Cradle of Civilization: Mesopotamia
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Egypt - The New Kingdom
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Egypt - The Old Kingdom
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Essay: Awakenings
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Mesopotamia: Fertile Crescent and Sumer
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	The Daily Life
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	The Industrial Revolution
SOC.6.A.1.1	Locate and describe major river systems and explain why early civilizations developed in river valleys and how the river affected daily life and culture	Western Hemisphere: South America

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SOC.6.A.1.2	Explain how farming and herding changed human lifestyles	The Industrial Revolution
SOC.6.A.2.1	Explain how barter and, later, money, affected trade in these civilizations	Cradle of Civilization: Egypt, Israel
SOC.6.A.2.1	Explain how barter and, later, money, affected trade in these civilizations	Cradle of Civilization: Mesopotamia
SOC.6.A.2.1	Explain how barter and, later, money, affected trade in these civilizations	Egypt - The New Kingdom
SOC.6.A.2.1	Explain how barter and, later, money, affected trade in these civilizations	Egypt - The Old Kingdom
SOC.6.A.2.1	Explain how barter and, later, money, affected trade in these civilizations	Mesopotamia: Babylonia and Assyria
SOC.6.A.2.1	Explain how barter and, later, money, affected trade in these civilizations	Mesopotamia: Fertile Crescent and Sumer
SOC.6.A.2.1	Explain how barter and, later, money, affected trade in these civilizations	The Daily Life
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	Cradle of Civilization: Egypt, Israel
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	Cradle of Civilization: Mesopotamia
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	Egypt - The New Kingdom
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	Egypt - The Old Kingdom
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	Mesopotamia: Babylonia and Assyria
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	Mesopotamia: Fertile Crescent and Sumer
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	The Crusades
SOC.6.A.2.2	Explain how cultures were changed and influenced as a result of trade with other civilizations	The Daily Life
SOC.6.A.3.1	Describe how religion and society helped to shape government and what authority it has on people's daily lives	Cradle of Civilization: Mesopotamia
SOC.6.A.3.1	Describe how religion and society helped to shape government and what authority it has on people's daily lives	Greece: City-States
SOC.6.A.3.1	Describe how religion and society helped to shape government and what authority it has on people's daily lives	Mesopotamia: Fertile Crescent and Sumer
SOC.6.A.3.1	Describe how religion and society helped to shape government and what authority it has on people's daily lives	The Industrial Revolution
SOC.6.A.3.2	Analyze how and why codes and laws were developed	Cradle of Civilization: Egypt, Israel
SOC.6.A.3.2	Analyze how and why codes and laws were developed	Cradle of Civilization: Mesopotamia
SOC.6.A.3.2	Analyze how and why codes and laws were developed	Egypt - The New Kingdom
SOC.6.A.3.2	Analyze how and why codes and laws were developed	Egypt - The Old Kingdom
SOC.6.A.3.2	Analyze how and why codes and laws were developed	Guyana, Suriname, French Guiana
SOC.6.A.3.2	Analyze how and why codes and laws were developed	Mesopotamia: Fertile Crescent and Sumer
SOC.6.A.3.2	Analyze how and why codes and laws were developed	Report: Chile
SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Books and Schools

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SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Cradle of Civilization: Egypt, Israel
SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Cradle of Civilization: Mesopotamia
SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Egypt - The New Kingdom
SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Egypt - The Old Kingdom
SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Essay: Pollution
SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Mesopotamia: Fertile Crescent and Sumer
SOC.6.A.4.1	Describe the achievements of each particular culture in the arts, government, and technology and explain how they present themselves today	Project: Database
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Cradle of Civilization: Egypt, Israel
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Cradle of Civilization: Mesopotamia
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Eastern Orthodox Church and Byzantine Art
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Egypt - The New Kingdom
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Egypt - The Old Kingdom
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Guyana, Suriname, French Guiana
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Mesopotamia: Fertile Crescent and Sumer
SOC.6.A.4.2	Analyze how beliefs were reflected in cultural expression	Report: Chile
SOC.6.B.1.1	Describe the impact of physical geography on the development of China and its culture	Eastern Hemisphere: Africa
SOC.6.B.1.1	Describe the impact of physical geography on the development of China and its culture	Essay: Awakenings
SOC.6.B.1.1	Describe the impact of physical geography on the development of China and its culture	The Civilizations of China and India
SOC.6.B.1.1	Describe the impact of physical geography on the development of China and its culture	Western Hemisphere: South America
SOC.6.B.1.2	Explain why China remained relatively isolated and how the isolation ended	The Civilizations of China and India
SOC.6.B.1.3	Explain the effects of the introduction of other cultural ideas and practices	The Civilizations of China and India
SOC.6.B.1.3	Explain the effects of the introduction of other cultural ideas and practices	The Crusades
SOC.6.B.2.1	Explain the economic and cultural effects of Silk Road trade	Africa
SOC.6.B.2.1	Explain the economic and cultural effects of Silk Road trade	Modern History: Communism
SOC.6.B.2.1	Explain the economic and cultural effects of Silk Road trade	The Industrial Revolution
SOC.6.B.3.1	Describe the government and bureaucracy that developed in China and its impact on the lives of the people	Project: Database

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SOC.6.B.3.1	Describe the government and bureaucracy that developed in China and its impact on the lives of the people	The Civilizations of China and India
SOC.6.B.3.1	Describe the government and bureaucracy that developed in China and its impact on the lives of the people	The Crusades
SOC.6.B.3.1	Describe the government and bureaucracy that developed in China and its impact on the lives of the people	The Industrial Revolution
SOC.6.B.4.1	Summarize China's contributions to the arts, literature, and science Describe how Chinese philosophy (Confucianism, Taoism, Buddhism) was reflected in its culture	Renaissance: Arts, Architecture, and Exploration
SOC.6.B.4.1	Summarize China's contributions to the arts, literature, and science Describe how Chinese philosophy (Confucianism, Taoism, Buddhism) was reflected in its culture	Renaissance: Religion and Other Fields
SOC.6.B.4.1	Summarize China's contributions to the arts, literature, and science Describe how Chinese philosophy (Confucianism, Taoism, Buddhism) was reflected in its culture	The Civilizations of China and India
SOC.6.B.4.1	Summarize China's contributions to the arts, literature, and science Describe how Chinese philosophy (Confucianism, Taoism, Buddhism) was reflected in its culture	The Daily Life
SOC.6.B.4.1	Summarize China's contributions to the arts, literature, and science Describe how Chinese philosophy (Confucianism, Taoism, Buddhism) was reflected in its culture	The Renaissance: Awakening in Learning
SOC.6.B.4.1	Summarize China's contributions to the arts, literature, and science Describe how Chinese philosophy (Confucianism, Taoism, Buddhism) was reflected in its culture	The Trade System
SOC.6.C.1.1	Examine the role of physical geography in the growth and development of Greek and Roman civilizations	Eastern Hemisphere: Africa
SOC.6.C.1.1	Examine the role of physical geography in the growth and development of Greek and Roman civilizations	The Civilization of Rome
SOC.6.C.1.1	Examine the role of physical geography in the growth and development of Greek and Roman civilizations	The Daily Life
SOC.6.C.1.1	Examine the role of physical geography in the growth and development of Greek and Roman civilizations	Western Hemisphere: South America
SOC.6.C.1.2	Analyze the expansion of Greek language and culture and their impact on neighboring peoples	Empire of Greece
SOC.6.C.1.2	Analyze the expansion of Greek language and culture and their impact on neighboring peoples	Greece: Wars and Contributions
SOC.6.C.1.2	Analyze the expansion of Greek language and culture and their impact on neighboring peoples	Guyana, Suriname, French Guiana
SOC.6.C.1.2	Analyze the expansion of Greek language and culture and their impact on neighboring peoples	Report: Chile
SOC.6.C.1.2	Analyze the expansion of Greek language and culture and their impact on neighboring peoples	The Civilization of Greece
SOC.6.C.1.2	Analyze the expansion of Greek language and culture and their impact on neighboring peoples	The Crusades
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	Africa
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	Central Africa

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SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	Empire of Rome
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	Introduction and Northern Africa
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	Rome: Contributions and Decline
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	Rome: Struggle for Power and Way of Life
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	The Civilization of Rome
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	The Daily Life
SOC.6.C.1.3	Describe the experiences of different groups in Roman society during the Roman Empire	The Feudal System
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	Africa
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	Empire of Greece
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	Greece: Wars and Contributions
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	Modern History: Communism
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	The Civilization of Greece
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	The Civilization of Rome
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	The Daily Life
SOC.6.C.2.1	Explain the economic and cultural effects of trade in the Greek and Roman civilizations	The Industrial Revolution
SOC.6.C.3.1	Illustrate the contributions of Greek and Roman civilization in government and philosophy	Greece: Wars and Contributions
SOC.6.C.3.1	Illustrate the contributions of Greek and Roman civilization in government and philosophy	Project: Database
SOC.6.C.3.2	Describe and explain the factors surrounding the migration of major religious groups within the Roman Empire	Empire of Rome
SOC.6.C.3.2	Describe and explain the factors surrounding the migration of major religious groups within the Roman Empire	Rome: Contributions and Decline
SOC.6.C.3.2	Describe and explain the factors surrounding the migration of major religious groups within the Roman Empire	Rome: Struggle for Power and Way of Life
SOC.6.C.3.2	Describe and explain the factors surrounding the migration of major religious groups within the Roman Empire	The Civilization of Rome
SOC.6.C.3.2	Describe and explain the factors surrounding the migration of major religious groups within the Roman Empire	The Feudal System
SOC.6.C.4.1	Illustrate the contributions of Greek and Roman civilization in the arts, literature, government, science, and philosophy	Greece: Contributions
SOC.6.C.4.1	Illustrate the contributions of Greek and Roman civilization in the arts, literature, government, science, and philosophy	Greece: Wars and Contributions
SOC.6.C.4.2	Identify ideas and other aspects of culture the Romans borrowed from the Greeks.	Empire of Greece
SOC.6.C.4.2	Identify ideas and other aspects of culture the Romans borrowed from the Greeks.	Greece: Wars and Contributions
SOC.6.C.4.2	Identify ideas and other aspects of culture the Romans borrowed from the Greeks.	The Civilization of Greece

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SOC.6.C.4.2	Identify ideas and other aspects of culture the Romans borrowed from the Greeks.	The Civilization of Rome
SOC.6.C.4.2	Identify ideas and other aspects of culture the Romans borrowed from the Greeks.	The Crusades
SOC.6.C.4.3	Describe the factors that enabled Rome to expand and dominate and what ultimately led to its demise	Empire of Rome
SOC.6.C.4.3	Describe the factors that enabled Rome to expand and dominate and what ultimately led to its demise	Rome: Contributions and Decline
SOC.6.C.4.3	Describe the factors that enabled Rome to expand and dominate and what ultimately led to its demise	Rome: Struggle for Power and Way of Life
SOC.6.C.4.3	Describe the factors that enabled Rome to expand and dominate and what ultimately led to its demise	The Civilization of Rome
SOC.6.C.4.3	Describe the factors that enabled Rome to expand and dominate and what ultimately led to its demise	The Crusades
SOC.6.C.4.3	Describe the factors that enabled Rome to expand and dominate and what ultimately led to its demise	The Daily Life
SOC.6.C.4.3	Describe the factors that enabled Rome to expand and dominate and what ultimately led to its demise	The Feudal System

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grade 6	
Section	Description	Lesson Title
SOC.6.3.1.1.a	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	California Gold Rush
Grade:	Grade 7	
Section	Description	Lesson Title
SOC.7.4.1.2.b.1	Territory and treaty-making (1854-1889).	California Gold Rush
Grade:	Grade 8	
Section	Description	Lesson Title
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Colonial Governments
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Continental Congress
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Declaration of Independence
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	English Face Unknown Horizons
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Establishment of Government
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Report: Declaration of Independence and Constitution
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	The Constitutional Convention

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SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	The Growth of the United States
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	The United States Constitution
SOC.8.1.1.1.a	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Thirteen Colonies Become a Free Nation
SOC.8.1.1.2.a.1	How amendments to the Constitution have sought to extend rights to new groups; and	Civil War and Reconstruction
SOC.8.1.1.2.a.2	How key ideals and constitutional principles set forth in fundamental documents relate to public issues.	Continental Congress
SOC.8.1.1.2.a.2	How key ideals and constitutional principles set forth in fundamental documents relate to public issues.	Establishment of Government
SOC.8.1.1.2.a.2	How key ideals and constitutional principles set forth in fundamental documents relate to public issues.	Report: Declaration of Independence and Constitution
SOC.8.1.2.1.a	Understands and analyzes the structure and powers of government at the national level.	British Economy
SOC.8.1.2.1.a	Understands and analyzes the structure and powers of government at the national level.	Challenges Today: Governments
SOC.8.1.2.1.a	Understands and analyzes the structure and powers of government at the national level.	Report: Americans Working for Rights
SOC.8.1.2.1.a	Understands and analyzes the structure and powers of government at the national level.	Report: Reconstruction Era
SOC.8.1.2.1.a	Understands and analyzes the structure and powers of government at the national level.	The Nation Suffers Growing Pains
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	A Deceptive Prosperity
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	British Economy
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Challenges Today: Governments
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Establishment of Government
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Influence of Industry: Growth of Corporations
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Life in a Puritan Community
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Report: Americans Working for Rights
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Report: Reconstruction Era
SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	The Constitutional Convention

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SOC.8.1.2.2.a	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	World War I
SOC.8.1.3.1.a	Analyzes how the United States has interacted with other countries in the past or present.	World War II
SOC.8.1.4.1.a	Analyzes how a position on an issue attempts to balance individual rights and the common good.	War Develops in the West
SOC.8.2.1.1.a	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Development of Colonial Lifestyles
SOC.8.2.1.1.a	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Report: Americans Working for Rights
SOC.8.2.2.1.a	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Crisis of the Individual
SOC.8.2.2.1.a	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Early Industry in the United States
SOC.8.2.2.1.a	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Exploration Catches Fire
SOC.8.2.2.1.a	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Spanish-American War
SOC.8.2.2.1.a	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	The United States as a World Power
SOC.8.2.2.1.a	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	World Awareness
SOC.8.2.2.2.a	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Crisis of the Individual
SOC.8.2.2.2.a	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Early Industry in the United States
SOC.8.2.2.2.a	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Spanish-American War
SOC.8.2.2.2.a	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	The United States as a World Power
SOC.8.2.2.2.a	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	World Awareness
SOC.8.2.3.1.a	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Civil War and Reconstruction

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SOC.8.2.3.1.a	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	The United Nations and the Cold War
SOC.8.2.4.1.a	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Crisis of the Individual
SOC.8.2.4.1.a	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Early Industry in the United States
SOC.8.2.4.1.a	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Spanish-American War
SOC.8.2.4.1.a	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	The United States as a World Power
SOC.8.2.4.1.a	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	World Awareness
SOC.8.3.1.2.a	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Crisis of the Individual
SOC.8.3.1.2.a	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Early Industry in the United States
SOC.8.3.1.2.a	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Spanish-American War
SOC.8.3.1.2.a	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	The United States as a World Power
SOC.8.3.1.2.a	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	World Awareness
SOC.8.3.2.1.a	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Crisis of the Individual
SOC.8.3.2.1.a	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Early Industry in the United States
SOC.8.3.2.1.a	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Spanish-American War
SOC.8.3.2.1.a	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	The United States as a World Power
SOC.8.3.2.1.a	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	World Awareness
SOC.8.3.2.2.a	Understands cultural diffusion in the United States from the past or in the present.	Crisis of the Individual
SOC.8.3.2.2.a	Understands cultural diffusion in the United States from the past or in the present.	Early Industry in the United States
SOC.8.3.2.2.a	Understands cultural diffusion in the United States from the past or in the present.	Spanish-American War

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SOC.8.3.2.2.a	Understands cultural diffusion in the United States from the past or in the present.	The United States as a World Power
SOC.8.3.2.2.a	Understands cultural diffusion in the United States from the past or in the present.	World Awareness
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Allied Victory
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Crisis of the Individual
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Discontent of the Indians
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Early Industry in the United States
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	England's Colonial Politics
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	English Face Unknown Horizons
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Plantation Living
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Report: New World Explorers
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Spain Launches Forth
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Spanish-American War
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	The Dutch Claim New Land
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	The East Meets the West
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	The United States as a World Power
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	World Awareness
SOC.8.3.2.3.a	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	World War II
SOC.8.3.3.1.a	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Challenges Today: Technology
SOC.8.3.3.1.a	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Crisis of the Individual
SOC.8.3.3.1.a	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Early Industry in the United States
SOC.8.3.3.1.a	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Spanish-American War
SOC.8.3.3.1.a	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	The United States as a World Power
SOC.8.3.3.1.a	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	World Awareness
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	A Deceptive Prosperity

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SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Acts of Dismay
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Africa
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	American Revolution
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Battles Which Led to War
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Colonial Resistance
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Continental Congress
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Life in a Puritan Community
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Report: Battle of Saratoga
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	The Constitutional Convention
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	The Growing Nation
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	The Second Continental Congress
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	World War I
SOC.8.4.1.2.a.1	Fighting for independence and framing the Constitution (1776-1815).	Yorktown and the Treaty of Paris 1783
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	A Deceptive Prosperity
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Africa
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Americans Move Westward
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	California Gold Rush
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Development of Western Lands
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Life in a Puritan Community
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Settlement of Western Lands
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Southern Plantations
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	Texas Revolt
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	The Institution of Slavery
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	The Oregon Question
SOC.8.4.1.2.a.2	Slavery, expansion, removal, and reform (1801-1850).	World War I
SOC.8.4.1.2.a.3	Civil War and Reconstruction (1850-1877).	A Deceptive Prosperity
SOC.8.4.1.2.a.3	Civil War and Reconstruction (1850-1877).	Africa
SOC.8.4.1.2.a.3	Civil War and Reconstruction (1850-1877).	Civil War and Reconstruction
SOC.8.4.1.2.a.3	Civil War and Reconstruction (1850-1877).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.a.3	Civil War and Reconstruction (1850-1877).	Life in a Puritan Community
SOC.8.4.1.2.a.3	Civil War and Reconstruction (1850-1877).	World War I
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	A Deceptive Prosperity
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Africa

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SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Americans Move Westward
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	California Gold Rush
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Crisis of the Individual
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Development of Western Lands
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Further Achievements
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Industrial Revolution in the North
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Industrial Revolution in the South
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Later Industrial Achievements
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Life in a Puritan Community
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Report: Achievements of the Industrial Revolution
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Report: Inventors and Inventions
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Report: World War I
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Settlement of Western Lands
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Texas Revolt
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	The Oregon Question
SOC.8.4.1.2.a.4	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	World War I
SOC.8.4.2.1.a	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	A Deceptive Prosperity
SOC.8.4.2.1.a	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	American Revolution
SOC.8.4.2.1.a	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Influence of Industry: Growth of Corporations
SOC.8.4.2.1.a	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Life in a Puritan Community
SOC.8.4.2.1.a	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Missouri Compromise and the Election of 1824
SOC.8.4.2.1.a	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	World War I
SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	A Deceptive Prosperity
SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	American Revolution
SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Civil War and Reconstruction
SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Influence of Industry: Growth of Corporations

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SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Life in a Puritan Community
SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Report: World War I
SOC.8.4.2.2.a	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	World War I
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	A Deceptive Prosperity
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	American Revolution
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Early Industry in the United States
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Erie Canal and Railroads
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Improved Communication Systems
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Improved Transportation Systems
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Influence of Industry: Growth of Corporations
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Life in a Puritan Community
SOC.8.4.2.3.a	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	World War I
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	A Deceptive Prosperity
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	Influence of Industry: Growth of Corporations
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	Labor Practices: The Advent of Unions
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	Life in a Puritan Community
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	Spanish-American War
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	War Develops in the West
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	World Awareness
SOC.8.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	World War I
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	A Deceptive Prosperity
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Allied Victory
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	American Revolution
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	British Economy
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Challenges Today: Governments
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Discontent of the Indians
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	England's Colonial Politics

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SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Influence of Industry: Growth of Corporations
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Life in a Puritan Community
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Plantation Living
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Report: Americans Working for Rights
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Report: New World Explorers
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Report: Reconstruction Era
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Spain Launches Forth
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	The Dutch Claim New Land
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	The East Meets the West
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	War Develops in the West
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	World War I
SOC.8.4.3.2.a	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	World War II
SOC.8.4.4.1.a	Analyzes how a historical event in United States history helps us to understand a current issue.	A Deceptive Prosperity
SOC.8.4.4.1.a	Analyzes how a historical event in United States history helps us to understand a current issue.	Influence of Industry: Growth of Corporations
SOC.8.4.4.1.a	Analyzes how a historical event in United States history helps us to understand a current issue.	Life in a Puritan Community
SOC.8.4.4.1.a	Analyzes how a historical event in United States history helps us to understand a current issue.	World War I
SOC.8.5.1.1.a	Understands reasons based on evidence for a position on an issue or event.	War Develops in the West
SOC.8.5.1.2.a	Evaluates the logic of reasons for a position on an issue or event.	British Economy
SOC.8.5.1.2.a	Evaluates the logic of reasons for a position on an issue or event.	Challenges Today: Governments
SOC.8.5.1.2.a	Evaluates the logic of reasons for a position on an issue or event.	Report: Americans Working for Rights
SOC.8.5.1.2.a	Evaluates the logic of reasons for a position on an issue or event.	Report: Reconstruction Era
SOC.8.5.1.2.a	Evaluates the logic of reasons for a position on an issue or event.	War Develops in the West
SOC.8.5.2.2.a	Evaluates the logic of positions in primary and secondary sources to interpret an issue or event.	British Economy
SOC.8.5.2.2.a	Evaluates the logic of positions in primary and secondary sources to interpret an issue or event.	Challenges Today: Governments
SOC.8.5.2.2.a	Evaluates the logic of positions in primary and secondary sources to interpret an issue or event.	Report: Americans Working for Rights
SOC.8.5.2.2.a	Evaluates the logic of positions in primary and secondary sources to interpret an issue or event.	Report: Reconstruction Era
SOC.8.5.2.2.a	Evaluates the logic of positions in primary and secondary sources to interpret an issue or event.	War Develops in the West

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SOC.8.5.3.1.a	Applies key ideals outlined in fundamental documents to clarify and address public issues in the context of a discussion.	English Face Unknown Horizons
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grade 6	
Section	Description	Lesson Title
SOC.6.3.1.1	Constructs and analyzes maps using scale, direction, symbols, legends and projections to gather information.	California Gold Rush
Grade:	Grade 7	
Section	Description	Lesson Title
SOC.7.3.1.1	Analyzes maps and charts from a specific time period to analyze an issue or event.	California Gold Rush
SOC.7.4.1.2.F.1	Territory and treaty-making (1854-1889).	California Gold Rush
Grade:	Grade 8	
Section	Description	Lesson Title
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Colonial Governments
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Continental Congress
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Declaration of Independence
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	English Face Unknown Horizons
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Establishment of Government
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Report: Declaration of Independence and Constitution

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SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	The Growth of the United States
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	The United States Constitution
SOC.8.1.1.1	Understands key ideals and principles outlined in the Declaration of Independence, including life, liberty, and the pursuit of happiness, the U.S. Constitution, including the rule of law, separation of powers, representative government, and popular sovereignty, and the Bill of Rights, including due process and freedom of expression.	Thirteen Colonies Become a Free Nation
SOC.8.1.1.2.A	How amendments to the Constitution have sought to extend rights to new groups.	Civil War and Reconstruction
SOC.8.1.1.2.A	How amendments to the Constitution have sought to extend rights to new groups.	Continental Congress
SOC.8.1.1.2.A	How amendments to the Constitution have sought to extend rights to new groups.	Establishment of Government
SOC.8.1.1.2.A	How amendments to the Constitution have sought to extend rights to new groups.	Report: Declaration of Independence and Constitution
SOC.8.1.1.2.B	How key ideals and constitutional principles set forth in fundamental documents relate to public issues.	Declaration of Independence
SOC.8.1.1.2.B	How key ideals and constitutional principles set forth in fundamental documents relate to public issues.	The Growth of the United States
SOC.8.1.1.2.B	How key ideals and constitutional principles set forth in fundamental documents relate to public issues.	The United States Constitution
SOC.8.1.1.2.B	How key ideals and constitutional principles set forth in fundamental documents relate to public issues.	Thirteen Colonies Become a Free Nation
SOC.8.1.2.1	Understands and analyzes the structure and powers of government at the national level.	British Economy
SOC.8.1.2.1	Understands and analyzes the structure and powers of government at the national level.	Challenges Today: Governments
SOC.8.1.2.1	Understands and analyzes the structure and powers of government at the national level.	Report: Americans Working for Rights
SOC.8.1.2.1	Understands and analyzes the structure and powers of government at the national level.	Report: Reconstruction Era
SOC.8.1.2.2	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	Establishment of Government
SOC.8.1.2.2	Evaluates the effectiveness of the system of checks and balances in the United States based on an event.	The Constitutional Convention
SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	A Deceptive Prosperity
SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	Gradual Recovery
SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	Labor Practices: The Advent of Unions
SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	Normalcy and Depression

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SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	Spain Launches Forth
SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	The East Meets the West
SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	Trouble Spots Around the World
SOC.8.1.3.1	Analyzes how the United States has interacted with other countries in the past or present.	Vietnam
SOC.8.1.4.1	Analyzes how a position on an issue attempts to balance individual rights and the common good.	British Economy
SOC.8.1.4.1	Analyzes how a position on an issue attempts to balance individual rights and the common good.	Challenges Today: Governments
SOC.8.1.4.1	Analyzes how a position on an issue attempts to balance individual rights and the common good.	Report: Americans Working for Rights
SOC.8.1.4.1	Analyzes how a position on an issue attempts to balance individual rights and the common good.	Report: Reconstruction Era
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	A Deceptive Prosperity
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	British Economy
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Challenges Today: Governments
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Development of Colonial Lifestyles
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Gradual Recovery
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Labor Practices: The Advent of Unions
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Normalcy and Depression
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Report: Americans Working for Rights
SOC.8.2.1.1	Analyzes examples of how groups and individuals have considered profit and personal values in making economic choices in the past or present.	Report: Reconstruction Era
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	A Deceptive Prosperity
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Allied Victory

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SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	British Economy
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Challenges Today: Governments
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Discontent of the Indians
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	England's Colonial Politics
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Exploration Catches Fire
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Gradual Recovery
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Labor Practices: The Advent of Unions
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Normalcy and Depression
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Plantation Living
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Report: Americans Working for Rights
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Report: New World Explorers
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Report: Reconstruction Era
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	Spain Launches Forth

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SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	The Dutch Claim New Land
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	The East Meets the West
SOC.8.2.2.1	Analyzes how the forces of supply and demand have affected the production, distribution, and consumption of goods, services, and resources in the United States in the past or present.	World War II
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	A Deceptive Prosperity
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	British Economy
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Challenges Today: Governments
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Gradual Recovery
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Influence of Industry: Growth of Corporations
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Labor Practices: The Advent of Unions
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Life in a Puritan Community
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Normalcy and Depression
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Report: Americans Working for Rights
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	Report: Reconstruction Era
SOC.8.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in the United States in the past or present.	World War I
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	A Deceptive Prosperity
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	British Economy
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Challenges Today: Governments

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SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Gradual Recovery
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Labor Practices: The Advent of Unions
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Normalcy and Depression
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Report: Americans Working for Rights
SOC.8.2.3.1	Understands and analyzes the influence of the U.S. government's taxation, creation of currency, and tariffs in the past or present.	Report: Reconstruction Era
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	A Deceptive Prosperity
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	British Economy
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Challenges Today: Governments
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Gradual Recovery
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Labor Practices: The Advent of Unions
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Normalcy and Depression
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Report: Americans Working for Rights
SOC.8.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in the United States in the past or present.	Report: Reconstruction Era
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	A Deceptive Prosperity
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Crisis of the Individual
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Early Industry in the United States
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Gradual Recovery
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Labor Practices: The Advent of Unions

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SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Normalcy and Depression
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	Spanish-American War
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	The United States as a World Power
SOC.8.3.1.2	Understands and analyzes physical and cultural characteristics of places and regions in the United States from the past or in the present.	World Awareness
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	A Deceptive Prosperity
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Crisis of the Individual
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Early Industry in the United States
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Gradual Recovery
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Labor Practices: The Advent of Unions
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Normalcy and Depression
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	Spanish-American War
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	The United States as a World Power
SOC.8.3.2.1	Analyzes how the environment has affected people and how people have affected the environment in the United States in the past or present.	World Awareness
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	A Deceptive Prosperity
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	Crisis of the Individual
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	Early Industry in the United States
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	Gradual Recovery
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	Labor Practices: The Advent of Unions
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	Normalcy and Depression
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	Spanish-American War

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SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	The United States as a World Power
SOC.8.3.2.2	Understands cultural diffusion in the United States from the past or in the present.	World Awareness
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	A Deceptive Prosperity
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Crisis of the Individual
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Early Industry in the United States
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	English Face Unknown Horizons
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Gradual Recovery
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Labor Practices: The Advent of Unions
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Normalcy and Depression
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	Spanish-American War
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	The United States as a World Power
SOC.8.3.2.3	Understands and analyzes migration as a catalyst on the growth of the United States in the past or present.	World Awareness
SOC.8.3.3.1	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Challenges Today: Technology
SOC.8.3.3.1	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Crisis of the Individual
SOC.8.3.3.1	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Early Industry in the United States
SOC.8.3.3.1	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	Spanish-American War
SOC.8.3.3.1	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	The United States as a World Power
SOC.8.3.3.1	Understands that learning about the geography of the United States helps us understand the global issue of diversity.	World Awareness
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	A Deceptive Prosperity
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Acts of Dismay
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	American Revolution
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Battles Which Led to War
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Colonial Resistance
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Continental Congress

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SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Establishment of Government
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Life in a Puritan Community
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Report: Battle of Saratoga
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Report: Declaration of Independence and Constitution
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	The Constitutional Convention
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	The Growing Nation
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	The Second Continental Congress
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	World War I
SOC.8.4.1.2.A	Fighting for independence and framing the Constitution (1776-1815).	Yorktown and the Treaty of Paris 1783
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	A Deceptive Prosperity
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	American Revolution
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Americans Move Westward
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	California Gold Rush
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Development of Western Lands
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Life in a Puritan Community
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Settlement of Western Lands
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Southern Plantations
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	Texas Revolt
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	The Institution of Slavery
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	The Oregon Question
SOC.8.4.1.2.B	Slavery, expansion, removal, and reform (1801-1850).	World War I
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	A Deceptive Prosperity
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	American Revolution
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Causes of the Civil War
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Civil War and Reconstruction
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Continued Problems with Slavery
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Johnson Versus Republican Radicals
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Life in a Puritan Community
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Preparation for War: The First Battle
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Reconstruction
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	Report: Civil War
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	The Emancipation Proclamation
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	The Last Campaigns
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	War Develops in the West
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	War's Contribution to Industry
SOC.8.4.1.2.C	Civil War and Reconstruction (1850-1877).	World War I

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SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	A Deceptive Prosperity
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	American Revolution
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Americans Move Westward
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	California Gold Rush
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Crisis of the Individual
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Development of Western Lands
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Further Achievements
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Industrial Revolution in the North
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Industrial Revolution in the South
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Influence of Industry: Growth of Corporations
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Later Industrial Achievements
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Life in a Puritan Community
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Regaining Normalcy
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Report: Achievements of the Industrial Revolution
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Report: Inventors and Inventions
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Report: World War I
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Settlement of Western Lands
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	Texas Revolt
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	The Growth of the United States
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	The Oregon Question
SOC.8.4.1.2.D	Development and struggles in the West, industrialization, immigration, and urbanization (1870-1900).	World War I
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	A Deceptive Prosperity
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Allied Victory
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	American Revolution
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Development of Colonial Lifestyles
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Discontent of the Indians
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	England's Colonial Politics

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SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Influence of Industry: Growth of Corporations
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Life in a Puritan Community
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Plantation Living
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Report: New World Explorers
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	Spain Launches Forth
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	The Dutch Claim New Land
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	The East Meets the West
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	World War I
SOC.8.4.2.1	Understands and analyzes how individuals and movements have shaped U.S. history (1776 -1900).	World War II
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	A Deceptive Prosperity
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Allied Victory
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	American Revolution
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Civil War and Reconstruction
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Discontent of the Indians
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	England's Colonial Politics
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Influence of Industry: Growth of Corporations
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Life in a Puritan Community
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Plantation Living
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Report: New World Explorers
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	Spain Launches Forth
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	The Dutch Claim New Land
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	The East Meets the West
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	World War I
SOC.8.4.2.2	Understands and analyzes how cultures and cultural groups have contributed to U.S. history (1776-1900).	World War II
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	A Deceptive Prosperity
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Allied Victory
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	American Revolution

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SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Discontent of the Indians
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Early Industry in the United States
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	England's Colonial Politics
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Erie Canal and Railroads
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Improved Communication Systems
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Improved Transportation Systems
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Influence of Industry: Growth of Corporations
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Life in a Puritan Community
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Plantation Living
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Report: New World Explorers
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	Spain Launches Forth
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	The Dutch Claim New Land
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	The East Meets the West
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	World War I
SOC.8.4.2.3	Understands and analyzes how technology and ideas have impacted U.S. history (1776-1900).	World War II
SOC.8.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	A Deceptive Prosperity
SOC.8.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	American Revolution
SOC.8.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	Influence of Industry: Growth of Corporations
SOC.8.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	Life in a Puritan Community
SOC.8.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	War Develops in the West
SOC.8.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in U.S. history (1776-1900).	World War I
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	A Deceptive Prosperity
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Allied Victory
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	American Revolution
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Discontent of the Indians
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	England's Colonial Politics
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Influence of Industry: Growth of Corporations

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SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Life in a Puritan Community
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Plantation Living
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Report: New World Explorers
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	Spain Launches Forth
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	The Dutch Claim New Land
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	The East Meets the West
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	World War I
SOC.8.4.3.2	Analyzes multiple causal factors to create positions on major events in U.S. history (1776 - 1900).	World War II
SOC.8.4.4.1	Analyzes how a historical event in United States history helps us to understand a current issue.	A Deceptive Prosperity
SOC.8.4.4.1	Analyzes how a historical event in United States history helps us to understand a current issue.	American Revolution
SOC.8.4.4.1	Analyzes how a historical event in United States history helps us to understand a current issue.	Influence of Industry: Growth of Corporations
SOC.8.4.4.1	Analyzes how a historical event in United States history helps us to understand a current issue.	Life in a Puritan Community
SOC.8.4.4.1	Analyzes how a historical event in United States history helps us to understand a current issue.	World War I
SOC.8.5.1.2	Evaluates the logic of reasons for a position on an issue or event.	British Economy
SOC.8.5.1.2	Evaluates the logic of reasons for a position on an issue or event.	Challenges Today: Governments
SOC.8.5.1.2	Evaluates the logic of reasons for a position on an issue or event.	Report: Americans Working for Rights
SOC.8.5.1.2	Evaluates the logic of reasons for a position on an issue or event.	Report: Reconstruction Era
SOC.8.5.2.2	Evaluates the logic of positions in primary and secondary sources to interpret an issue or event.	War Develops in the West
SOC.8.5.3.1	Applies key ideals outlined in fundamental documents to clarify and address public issues in the context of a discussion.	Cold War in Europe
SOC.8.5.3.1	Applies key ideals outlined in fundamental documents to clarify and address public issues in the context of a discussion.	Declaration of Independence
SOC.8.5.3.1	Applies key ideals outlined in fundamental documents to clarify and address public issues in the context of a discussion.	Overseas Expansion
SOC.8.5.3.1	Applies key ideals outlined in fundamental documents to clarify and address public issues in the context of a discussion.	Report: Reconstruction Era
SOC.8.5.3.1	Applies key ideals outlined in fundamental documents to clarify and address public issues in the context of a discussion.	Thirteen Colonies Become a Free Nation
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grade 6	

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Section	Description	Lesson Title
SOC.6.B.1.10	Use mental maps of nations and regions of the world to describe the relative location of a place or region	California Gold Rush
Grade:	Grade 7	
Grade:	Grade 8	
Section	Description	Lesson Title
SOC.8.A.1.1	Trace the ideas, principles, and government structures the U.S. democracy borrowed from other times and cultures	Africa
SOC.8.A.1.1	Trace the ideas, principles, and government structures the U.S. democracy borrowed from other times and cultures	Colonial Governments
SOC.8.A.1.1	Trace the ideas, principles, and government structures the U.S. democracy borrowed from other times and cultures	English Face Unknown Horizons
SOC.8.A.1.1	Trace the ideas, principles, and government structures the U.S. democracy borrowed from other times and cultures	Report: World War I
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	A Deceptive Prosperity
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	Declaration of Independence
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	Influence of Industry: Growth of Corporations
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	Life in a Puritan Community
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	Report: Declaration of Independence and Constitution
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	The United States Constitution
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	Thirteen Colonies Become a Free Nation
SOC.8.A.2.1	Identify the factors that led to the creation of the Declaration of Independence and its guiding principles	World War I
SOC.8.A.2.2	Discuss the purpose of government and the sources of governmental power according to the Declaration of Independence and the Constitution	Continental Congress
SOC.8.A.2.2	Discuss the purpose of government and the sources of governmental power according to the Declaration of Independence and the Constitution	Declaration of Independence
SOC.8.A.2.2	Discuss the purpose of government and the sources of governmental power according to the Declaration of Independence and the Constitution	Establishment of Government
SOC.8.A.2.2	Discuss the purpose of government and the sources of governmental power according to the Declaration of Independence and the Constitution	Report: Declaration of Independence and Constitution
SOC.8.A.2.2	Discuss the purpose of government and the sources of governmental power according to the Declaration of Independence and the Constitution	Thirteen Colonies Become a Free Nation
SOC.8.A.3.1	Compare and contrast the differing viewpoints of the Federalists and Anti-Federalists and the resulting compromises	British Colonies: Jamestown
SOC.8.A.3.1	Compare and contrast the differing viewpoints of the Federalists and Anti-Federalists and the resulting compromises	British Economy
SOC.8.A.3.1	Compare and contrast the differing viewpoints of the Federalists and Anti-Federalists and the resulting compromises	Competition for Colonial Control

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SOC.8.A.3.1	Compare and contrast the differing viewpoints of the Federalists and Anti-Federalists and the resulting compromises	The Growth of the United States
SOC.8.A.3.1	Compare and contrast the differing viewpoints of the Federalists and Anti-Federalists and the resulting compromises	War Develops in the West
SOC.8.A.3.2	Describe the major issues at the Constitutional Convention and the resulting compromises	The Constitutional Convention
SOC.8.B.1.2	Explain how the U.S. government is both a republic and a democracy	Colonial Governments
SOC.8.B.1.2	Explain how the U.S. government is both a republic and a democracy	Development of Colonial Lifestyles
SOC.8.B.1.2	Explain how the U.S. government is both a republic and a democracy	English Face Unknown Horizons
SOC.8.B.1.2	Explain how the U.S. government is both a republic and a democracy	Formation of Political Parties
SOC.8.B.1.3	Explain how the U.S. government is organized on a federalist model that includes sharing and separation of power and checks and balances on power	Establishment of Government
SOC.8.B.1.3	Explain how the U.S. government is organized on a federalist model that includes sharing and separation of power and checks and balances on power	The Constitutional Convention
SOC.8.B.2.1	Explain the ways in which government regulated and encouraged trade	Dutch Trading Interests
SOC.8.B.2.1	Explain the ways in which government regulated and encouraged trade	French Trading Interests
SOC.8.B.2.1	Explain the ways in which government regulated and encouraged trade	New France's Southward Expansion
SOC.8.B.2.1	Explain the ways in which government regulated and encouraged trade	Spain's Treasure Hunt
SOC.8.C.1.1	Using examples identify and explain rights guaranteed by the Constitution and its amendments and their impact on the individual	Continental Congress
SOC.8.C.1.1	Using examples identify and explain rights guaranteed by the Constitution and its amendments and their impact on the individual	Establishment of Government
SOC.8.C.1.1	Using examples identify and explain rights guaranteed by the Constitution and its amendments and their impact on the individual	Report: Declaration of Independence and Constitution
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	Allied Victory
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	Colonial Governments
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	Discontent of the Indians
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	England's Colonial Politics
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	English Face Unknown Horizons

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SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	Plantation Living
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	Report: New World Explorers
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	Spain Launches Forth
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	The Dutch Claim New Land
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	The East Meets the West
SOC.8.C.1.2	Describe the relationship between the citizen and elected representatives and how informed citizens can influence policy	World War II
SOC.8.C.1.3	Using examples of different groups of people in American society, identify instances in which rights were denied and the struggles that ensued to gain their rights	Early Industry in the United States
SOC.8.C.1.3	Using examples of different groups of people in American society, identify instances in which rights were denied and the struggles that ensued to gain their rights	Spanish-American War
SOC.8.C.1.3	Using examples of different groups of people in American society, identify instances in which rights were denied and the struggles that ensued to gain their rights	World Awareness
SOC.8.C.1.4	Analyze the tensions that arise between individual liberties and the common good	British Economy
SOC.8.C.1.4	Analyze the tensions that arise between individual liberties and the common good	Challenges Today: Governments
SOC.8.C.1.4	Analyze the tensions that arise between individual liberties and the common good	Discontent of the Indians
SOC.8.C.1.4	Analyze the tensions that arise between individual liberties and the common good	England's Colonial Politics
SOC.8.C.1.4	Analyze the tensions that arise between individual liberties and the common good	Project: World War I Era Map
SOC.8.C.1.6	Analyze a controversial public issue or problem and offer potential solutions	British Economy
SOC.8.C.1.6	Analyze a controversial public issue or problem and offer potential solutions	Challenges Today: Governments
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	A Deceptive Prosperity
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Allied Victory
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	British Colonies: Jamestown
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	British Economy

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SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Competition for Colonial Control
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Discontent of the Indians
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	England's Colonial Politics
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	English Face Unknown Horizons
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Gradual Recovery
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Normalcy and Depression
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Plantation Living
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Report: New World Explorers
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	Spain Launches Forth
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	The Dutch Claim New Land
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	The East Meets the West
SOC.8.D.1.1	Using examples, past and present, compare and contrast democratic and autocratic governments and the impact of these governments on the lives of their citizens	World War II
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	Allied Victory
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	Development of Colonial Lifestyles
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	Discontent of the Indians
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	England's Colonial Politics
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	Plantation Living
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	Report: New World Explorers
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	Spain Launches Forth
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	The Dutch Claim New Land
SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	The East Meets the West

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SOC.8.D.1.2	Explain how federal, state, tribal, and local governments affect groups and individuals	World War II
SOC.8.D.1.3	Identify how the boundaries of the United States have changed and describe the relationships the country had with its neighbors (current Mexico and Canada), Europe, and Latin America	Early Industry in the United States
SOC.8.D.1.3	Identify how the boundaries of the United States have changed and describe the relationships the country had with its neighbors (current Mexico and Canada), Europe, and Latin America	Spanish-American War
SOC.8.D.1.3	Identify how the boundaries of the United States have changed and describe the relationships the country had with its neighbors (current Mexico and Canada), Europe, and Latin America	World Awareness
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Allied Victory
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Discontent of the Indians
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	England's Colonial Politics
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Missouri Compromise and the Election of 1824
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Plantation Living
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Report: Development of the West
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Report: New World Explorers
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Spain Launches Forth
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The Dutch Claim New Land
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The East Meets the West
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The Growing Nation
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The Nation Suffers Growing Pains
SOC.8.D.1.4	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	World War II

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SOC.8.D.1.5	Describe the complexities of contemporary foreign policy due to competing interests, such as trade, human rights, and environmental policies	Report: Americans Working for Rights
SOC.8.D.1.5	Describe the complexities of contemporary foreign policy due to competing interests, such as trade, human rights, and environmental policies	Spain's Treasure Hunt
SOC.8.D.1.5	Describe the complexities of contemporary foreign policy due to competing interests, such as trade, human rights, and environmental policies	Trouble Spots Around the World
SOC.8.D.1.5	Describe the complexities of contemporary foreign policy due to competing interests, such as trade, human rights, and environmental policies	Vietnam
SOC.8.D.1.6	Describe the purposes of the United Nations, the WTO, and the NATO Alliance; trace the U.S. relationship and role with each of these organizations	Allied Military Occupation
SOC.8.D.1.6	Describe the purposes of the United Nations, the WTO, and the NATO Alliance; trace the U.S. relationship and role with each of these organizations	Cold War in Europe
SOC.8.D.1.6	Describe the purposes of the United Nations, the WTO, and the NATO Alliance; trace the U.S. relationship and role with each of these organizations	The United Nations and the Cold War
SOC.8.D.1.6	Describe the purposes of the United Nations, the WTO, and the NATO Alliance; trace the U.S. relationship and role with each of these organizations	United Nations
SOC.8.A.1.1	Identify and analyze the strengths and weaknesses of the Articles of Confederation	British Economy
SOC.8.A.1.1	Identify and analyze the strengths and weaknesses of the Articles of Confederation	Challenges Today: Governments
SOC.8.A.1.1	Identify and analyze the strengths and weaknesses of the Articles of Confederation	Establishment of Government
SOC.8.A.1.1	Identify and analyze the strengths and weaknesses of the Articles of Confederation	The Second Continental Congress
SOC.8.A.1.2	Describe the origin of the political parties and their differing viewpoints (Federalist vs. Anti-Federalist)	Essay: Political Parties
SOC.8.A.1.2	Describe the origin of the political parties and their differing viewpoints (Federalist vs. Anti-Federalist)	Formation of Political Parties
SOC.8.A.1.2	Describe the origin of the political parties and their differing viewpoints (Federalist vs. Anti-Federalist)	The Growth of the United States
SOC.8.A.1.2	Describe the origin of the political parties and their differing viewpoints (Federalist vs. Anti-Federalist)	War Develops in the West
SOC.8.A.2.1	Graphically represent the triangle trade and explain the social and economic impacts	European Background of Industry
SOC.8.A.2.1	Graphically represent the triangle trade and explain the social and economic impacts	Formation of Political Parties
SOC.8.A.2.1	Graphically represent the triangle trade and explain the social and economic impacts	Report: New World Explorers
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Acts of Dismay
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Battles Which Led to War
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	British Economy
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Challenges Today: Governments

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SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Colonial Resistance
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Continental Congress
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Report: Battle of Saratoga
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	The Second Continental Congress
SOC.8.A.3.1	Identify and analyze the major causes, effects and impact of the American Revolution	Yorktown and the Treaty of Paris 1783
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Acts of Dismay
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	American Revolution
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Battles Which Led to War
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Colonial Resistance
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Continental Congress
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Development of Colonial Lifestyles
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Report: Battle of Saratoga
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Report: World War I
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	The Second Continental Congress
SOC.8.A.3.2	Group events, cultural and political groups, and individuals related to the Revolutionary Era on a timeline	Yorktown and the Treaty of Paris 1783
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	British Economy
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	Challenges Today: Governments
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	Cost of Conflict
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	Development of Colonial Lifestyles
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	Military Movements
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	Project: World War I Era Map
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	The Growth of the United States
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	The Nation Suffers Growing Pains
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	War in Asia
SOC.8.A.3.3	Identify the issues, groups, and countries involved in the War of 1812 and analyze its importance	War on the Continent

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SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	A Changing Nation
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	California Gold Rush
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	Early Industry in the United States
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	Mexican War
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	Overseas Expansion
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	Settlement of Western Lands
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	Spanish-American War
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	The United States as a World Power
SOC.8.B.1.1	Describe the changing boundaries of the United States and describe the relationships the country had with its neighbors (current Mexico and Canada) and Europe, including the influence of the Monroe Doctrine, and how those relationships influenced westward expansion and the Mexican-American war	World Awareness

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SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Allied Victory
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Discontent of the Indians
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	England's Colonial Politics
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Missouri Compromise and the Election of 1824
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Plantation Living
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Report: Development of the West
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Report: New World Explorers
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	Spain Launches Forth
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The Dutch Claim New Land
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The East Meets the West
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The Growing Nation
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	The Nation Suffers Growing Pains
SOC.8.B.1.2	Outline the major treaties with American Indian nations during the administrations of the first four presidents and the varying outcomes of those treaties.	World War II
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Allied Victory
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Americans Move Westward

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SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	California Gold Rush
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Competition for Colonial Control
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Development of Western Lands
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Discontent of the Indians
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Dutch Trading Interests
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	England's Colonial Politics
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	New France's Southward Expansion

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SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Plantation Living
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Report: New World Explorers
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Settlement of Western Lands
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	Spain Launches Forth
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	The Dutch Claim New Land
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	The East Meets the West
SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	The Oregon Question

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SOC.8.B.1.3	Describe the purpose, challenges, and economic incentives associated with westward expansion, including the concept of Manifest Destiny, including: the Lewis and Clark Expedition, Accounts of Indian Removal, American Indian nations' responses to expansion, Transcontinental railroad and Chinese labor, Settlement of the Great Plains, and the new status of western "pioneer women"	World War II
SOC.8.B.1.4	Discuss the importance of Jacksonian democracy and his actions as president (e.g., the spoils system, veto of the National Bank, policy of Indian removal, opposition to the Supreme Court)	Development of Sectional Rivalries
SOC.8.B.1.4	Discuss the importance of Jacksonian democracy and his actions as president (e.g., the spoils system, veto of the National Bank, policy of Indian removal, opposition to the Supreme Court)	Jacksonian Policies
SOC.8.B.1.4	Discuss the importance of Jacksonian democracy and his actions as president (e.g., the spoils system, veto of the National Bank, policy of Indian removal, opposition to the Supreme Court)	The Jacksonian Presidency
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	Allied Victory
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	Discontent of the Indians
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	England's Colonial Politics
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	Mexican War
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	Plantation Living
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	Report: New World Explorers
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	Spain Launches Forth
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	Texas Revolt
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	The Dutch Claim New Land
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	The East Meets the West
SOC.8.B.1.5	Examine the causes, effects, and ramifications of the Mexican/American War and the Texas War for Independence	World War II

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SOC.8.B.1.6	Discuss Mexican settlements, their locations, cultural traditions, attitudes toward slavery, land-grant system, and economies	Competition for Colonial Control
SOC.8.B.1.6	Discuss Mexican settlements, their locations, cultural traditions, attitudes toward slavery, land-grant system, and economies	Dutch Trading Interests
SOC.8.B.1.6	Discuss Mexican settlements, their locations, cultural traditions, attitudes toward slavery, land-grant system, and economies	Industry in the Colonies
SOC.8.B.1.6	Discuss Mexican settlements, their locations, cultural traditions, attitudes toward slavery, land-grant system, and economies	New France's Southward Expansion
SOC.8.B.1.6	Discuss Mexican settlements, their locations, cultural traditions, attitudes toward slavery, land-grant system, and economies	Preparation for War: The First Battle
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	Allied Victory
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	Discontent of the Indians
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	Early Industry in the United States
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	England's Colonial Politics
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	Plantation Living
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	Report: New World Explorers
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	Spain Launches Forth
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	Spanish-American War
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	The Dutch Claim New Land
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	The East Meets the West
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	World Awareness
SOC.8.B.1.7	Examine the reform movements that developed in the United States, the reasons they developed, and their results	World War II

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SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	A Deceptive Prosperity
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Causes of the Civil War
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Civil War and Reconstruction
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Continued Problems with Slavery
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Development of Sectional Rivalries
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Influence of Industry: Growth of Corporations
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Life in a Puritan Community
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Missouri Compromise and the Election of 1824
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Report: Heading Towards Civil War

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SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Slavery Becomes an Issue
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	Southern Plantations
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	The Institution of Slavery
SOC.8.B.1.8	Examine events, movements, and policies related to slavery, including: Abolition movements, Abolition in early state constitutions, Underground Railroad, Northwest Ordinance, Compromise of 1850, States' Rights Doctrine, Missouri Compromise, Kansas-Nebraska Act, Dred Scott v. Sanford, Lincoln-Douglas debates	World War I
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	British Economy
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Challenges Today: Governments
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Early Industry in the United States
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	European Background of Industry
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Formation of Political Parties
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Report: New World Explorers
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Southern Plantations
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	Spanish-American War
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	The Institution of Slavery
SOC.8.C.1.1	Analyze the origins of slavery in the Americas and its social, economic, and cultural impact on the American nation to 1900	World Awareness

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SOC.8.C.1.2	Describe the development of the agrarian economy in the South, identify the locations of the cotton-producing states, and discuss the significance of cotton and the cotton gin	Further Achievements
SOC.8.C.1.2	Describe the development of the agrarian economy in the South, identify the locations of the cotton-producing states, and discuss the significance of cotton and the cotton gin	Industrial Revolution in the North
SOC.8.C.1.2	Describe the development of the agrarian economy in the South, identify the locations of the cotton-producing states, and discuss the significance of cotton and the cotton gin	Industrial Revolution in the South
SOC.8.C.1.2	Describe the development of the agrarian economy in the South, identify the locations of the cotton-producing states, and discuss the significance of cotton and the cotton gin	Industry in the Colonies
SOC.8.C.1.2	Describe the development of the agrarian economy in the South, identify the locations of the cotton-producing states, and discuss the significance of cotton and the cotton gin	Industry in the New Nation
SOC.8.C.1.2	Describe the development of the agrarian economy in the South, identify the locations of the cotton-producing states, and discuss the significance of cotton and the cotton gin	Report: Achievements of the Industrial Revolution
SOC.8.C.1.2	Describe the development of the agrarian economy in the South, identify the locations of the cotton-producing states, and discuss the significance of cotton and the cotton gin	Report: Inventors and Inventions
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	British Economy
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Causes of the Civil War
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Challenges Today: Governments
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Development of Sectional Rivalries
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Preparation for War: The First Battle
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Report: Civil War
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	Report: Heading Towards Civil War
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	The Emancipation Proclamation
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	The Last Campaigns
SOC.8.C.1.3	Analyze the economic causes, effects and impact of the Civil War	War Develops in the West
SOC.8.C.2.1	Explain the origins and impacts of the suffragist movement in the United States	British Economy
SOC.8.C.2.1	Explain the origins and impacts of the suffragist movement in the United States	Challenges Today: Governments
SOC.8.C.2.1	Explain the origins and impacts of the suffragist movement in the United States	Early Industry in the United States

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SOC.8.C.2.1	Explain the origins and impacts of the suffragist movement in the United States	Labor Practices: The Advent of Unions
SOC.8.C.2.1	Explain the origins and impacts of the suffragist movement in the United States	Spanish-American War
SOC.8.C.2.1	Explain the origins and impacts of the suffragist movement in the United States	World Awareness
SOC.8.C.2.2	Compare the lives of and opportunities for free Blacks in the North with those of free Blacks in the South	British Colonies: Jamestown
SOC.8.C.2.2	Compare the lives of and opportunities for free Blacks in the North with those of free Blacks in the South	British Economy
SOC.8.C.2.2	Compare the lives of and opportunities for free Blacks in the North with those of free Blacks in the South	Competition for Colonial Control
SOC.8.C.2.2	Compare the lives of and opportunities for free Blacks in the North with those of free Blacks in the South	Life in a Puritan Community
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	British Economy
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Causes of the Civil War
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Challenges Today: Governments
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Development of Sectional Rivalries
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Preparation for War: The First Battle
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Report: Civil War
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	Report: Heading Towards Civil War
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	The Emancipation Proclamation
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	The Last Campaigns
SOC.8.C.2.3	Analyze the social and political causes and effects of the Civil War	War Develops in the West
SOC.8.C.2.4	Examine Abraham Lincoln's presidency and his significant writings and speeches	Events Leading to Secession and War
SOC.8.C.2.5	Compare and contrast competing plans for Reconstruction and the resulting impact on African Americans and the South	British Colonies: Jamestown
SOC.8.C.2.5	Compare and contrast competing plans for Reconstruction and the resulting impact on African Americans and the South	British Economy
SOC.8.C.2.5	Compare and contrast competing plans for Reconstruction and the resulting impact on African Americans and the South	Competition for Colonial Control
SOC.8.C.2.5	Compare and contrast competing plans for Reconstruction and the resulting impact on African Americans and the South	Johnson Versus Republican Radicals
SOC.8.C.2.5	Compare and contrast competing plans for Reconstruction and the resulting impact on African Americans and the South	Reconstruction

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SOC.8.C.2.6	Understand the effects of the Freedmen's Bureau and the restrictions placed on the rights and opportunities of freedmen, including racial segregation and "Jim Crow" laws	Johnson Versus Republican Radicals
SOC.8.C.2.6	Understand the effects of the Freedmen's Bureau and the restrictions placed on the rights and opportunities of freedmen, including racial segregation and "Jim Crow" laws	Radical Reconstruction
SOC.8.C.2.6	Understand the effects of the Freedmen's Bureau and the restrictions placed on the rights and opportunities of freedmen, including racial segregation and "Jim Crow" laws	Report: Reconstruction Era
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Crisis of the Individual
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Early Industry in the United States
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Industrial Revolution in the North
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Industrial Revolution in the South
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Later Industrial Achievements
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Regaining Normalcy
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Report: World War I
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	Spanish-American War
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	The Growth of the United States
SOC.8.D.1.1	Examine the relationship between immigration, industrialization, and the tremendous growth of cities in the United States	World Awareness
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Africa
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Allied Victory
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	British Colonies: Jamestown
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	British Economy
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Competition for Colonial Control
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Crisis of the Individual

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SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Discontent of the Indians
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	England's Colonial Politics
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Industrial Revolution in the North
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Industrial Revolution in the South
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Later Industrial Achievements
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Plantation Living
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Regaining Normalcy
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Report: New World Explorers
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	Spain Launches Forth
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	The Dutch Claim New Land
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	The East Meets the West
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	The Growth of the United States
SOC.8.D.1.2	Compare and contrast two major cities of that time period and the impacts of urbanization, both positive and negative	World War II
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Allied Victory
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Crisis of the Individual
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Discontent of the Indians
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	England's Colonial Politics
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Industrial Revolution in the North

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SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Industrial Revolution in the South
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Industry in the Colonies
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Later Industrial Achievements
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Plantation Living
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Report: New World Explorers
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	Spain Launches Forth
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	The Dutch Claim New Land
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	The East Meets the West
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	The Growth of the United States
SOC.8.D.2.1	Trace the development of the Industrial Revolution in manufacturing, technological development, communication, and transportation; explain the effects of these changes on the environment, U.S. economy and society	World War II
SOC.8.D.2.3	Give examples of how the combination of natural resources, labor, capital, and entrepreneurship created industrial empires and monopolies in the late 1800's	Industrial Revolution in the North

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SOC.8.D.2.3	Give examples of how the combination of natural resources, labor, capital, and entrepreneurship created industrial empires and monopolies in the late 1800's	Industrial Revolution in the South
SOC.8.D.2.3	Give examples of how the combination of natural resources, labor, capital, and entrepreneurship created industrial empires and monopolies in the late 1800's	The Growth of the United States
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Allied Victory
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	British Economy
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Challenges Today: Governments
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Discontent of the Indians
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	England's Colonial Politics
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Later Industrial Achievements
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Plantation Living
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Report: New World Explorers
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	Spain Launches Forth
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	The Dutch Claim New Land
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	The East Meets the West
SOC.8.D.2.4	Analyze the impact of the assembly line on American industry and society	World War II
SOC.8.D.2.5	Identify products and inventions that illustrate the concept of supply and demand in the latter part of the 19th century	Further Achievements
SOC.8.D.2.5	Identify products and inventions that illustrate the concept of supply and demand in the latter part of the 19th century	Industrial Revolution in the North
SOC.8.D.2.5	Identify products and inventions that illustrate the concept of supply and demand in the latter part of the 19th century	Industrial Revolution in the South
SOC.8.D.2.5	Identify products and inventions that illustrate the concept of supply and demand in the latter part of the 19th century	Industry in the New Nation
SOC.8.D.2.5	Identify products and inventions that illustrate the concept of supply and demand in the latter part of the 19th century	Report: Achievements of the Industrial Revolution
SOC.8.D.2.5	Identify products and inventions that illustrate the concept of supply and demand in the latter part of the 19th century	Report: Inventors and Inventions
SOC.8.D.3.1	Identify the factors that led to large scale immigration to the U.S.; describe the opportunities and problems they faced	Early Industry in the United States
SOC.8.D.3.1	Identify the factors that led to large scale immigration to the U.S.; describe the opportunities and problems they faced	Spanish-American War
SOC.8.D.3.1	Identify the factors that led to large scale immigration to the U.S.; describe the opportunities and problems they faced	World Awareness

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SOC.8.D.3.2	Identify the reasons for the development of federal Indian policy and the wars with American Indians and their relationship to agricultural development and industrialization	Industrial Revolution in the North
SOC.8.D.3.2	Identify the reasons for the development of federal Indian policy and the wars with American Indians and their relationship to agricultural development and industrialization	Industrial Revolution in the South
SOC.8.D.3.2	Identify the reasons for the development of federal Indian policy and the wars with American Indians and their relationship to agricultural development and industrialization	Later Industrial Achievements
SOC.8.D.3.2	Identify the reasons for the development of federal Indian policy and the wars with American Indians and their relationship to agricultural development and industrialization	Plantation Living
SOC.8.D.3.2	Identify the reasons for the development of federal Indian policy and the wars with American Indians and their relationship to agricultural development and industrialization	The Growth of the United States
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Crisis of the Individual
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Early Industry in the United States
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Industrial Revolution in the North
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Industrial Revolution in the South
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Later Industrial Achievements
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Regaining Normalcy
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Report: World War I
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	Spanish-American War
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	The Growth of the United States
SOC.8.D.3.3	Examine the relationship between immigration, industrialization, and the resulting urbanization in the United States	World Awareness
SOC.8.D.3.4	Identify the push-pull factors in the movement of former slaves to the cities in the North and to the West and their differing experiences in those regions	California Gold Rush

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SOC.8.D.3.4	Identify the push-pull factors in the movement of former slaves to the cities in the North and to the West and their differing experiences in those regions	Settlement of Western Lands
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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grade 6	
Grade:	Grade 7	
Section	Description	Lesson Title
SOC.7.1.3.1.a	Analyzes how international agreements have affected Washington State in the past or present.	Who Studies History?
SOC.7.2.2.1.a	Analyzes the production, distribution, and consumption of goods, services, and resources in societies from the past or in the present.	Who Studies History?
SOC.7.2.2.2.a	Understands and analyzes how the forces of supply and demand have affected international trade in Washington State in the past or present.	Who Studies History?
SOC.7.2.3.1.a	Understands and analyzes the role of government in the economy of Washington State through taxation, spending, and policy setting in the past or present.	China and India
SOC.7.2.3.1.a	Understands and analyzes the role of government in the economy of Washington State through taxation, spending, and policy setting in the past or present.	Who Studies History?
SOC.7.3.1.1.a	Analyzes maps and charts from a specific time period to analyze an issue or event.	China and India
SOC.7.3.1.1.a	Analyzes maps and charts from a specific time period to analyze an issue or event.	Greece
SOC.7.3.1.1.a	Analyzes maps and charts from a specific time period to analyze an issue or event.	Transformations in Human History
SOC.7.3.1.2.a	Understands how human spatial patterns have emerged from natural processes and human activities in the past or present.	Who Studies History?
SOC.7.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in Washington State in the past or present.	China
SOC.7.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in Washington State in the past or present.	Effects of Environment and Geography on the Human Race's Development
SOC.7.3.2.1.a	Understands and analyzes how the environment has affected people and how people have affected the environment in Washington State in the past or present.	Who Studies History?
SOC.7.3.2.2.a	Understands examples of cultural diffusion in the world from the past or in the present.	Conquest and Colonization of the New World
SOC.7.3.2.2.a	Understands examples of cultural diffusion in the world from the past or in the present.	Who Studies History?
SOC.7.3.2.3.a	Understands the role of immigration in shaping societies in the past or present.	Who Studies History?
SOC.7.4.1.1.a	Analyzes a major historical event and how it is represented on timelines from different cultural perspectives.	Project: Timeline
SOC.7.4.1.2.a.1	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	China
SOC.7.4.1.2.a.1	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	China and India

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SOC.7.4.1.2.a.1	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	People's Earliest Beginnings
SOC.7.4.1.2.a.1	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Project: Analogy
SOC.7.4.1.2.a.1	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Project: Comparison Matrix
SOC.7.4.1.2.a.1	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Project: Influences
SOC.7.4.1.2.a.1	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Southeast Asia and Oceania
SOC.7.4.1.2.b.2	Railroads, reform, immigration, and labor (1889-1930).	China
SOC.7.4.1.2.b.5	Contemporary Washington State (1980-present).	Belief Systems
SOC.7.4.1.2.b.5	Contemporary Washington State (1980-present).	Christianity and Buddhism
SOC.7.4.1.2.b.5	Contemporary Washington State (1980-present).	Essay: Influence of Religion
SOC.7.4.1.2.b.5	Contemporary Washington State (1980-present).	The Clashing of Religions
SOC.7.4.1.2.b.5	Contemporary Washington State (1980-present).	The Spread of Islam
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Africa
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	China
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	China
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Project: Timeline
SOC.7.4.2.1.a	Understands and analyzes how individuals and movements have shaped Washington State or world history.	The Middle East and Africa
SOC.7.4.2.2.a	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Africa
SOC.7.4.2.2.a	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	China
SOC.7.4.2.2.a	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.2.2.a	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1

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SOC.7.4.2.2.a	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.2.2.a	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Project: Timeline
SOC.7.4.2.2.a	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Who Studies History?
SOC.7.4.2.3.a	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Africa
SOC.7.4.2.3.a	Understands and analyzes how technology and ideas have impacted Washington State or world history.	China
SOC.7.4.2.3.a	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.2.3.a	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.2.3.a	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.2.3.a	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Project: Timeline
SOC.7.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	China
SOC.7.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Project: Point of View
SOC.7.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Project: Timeline
SOC.7.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Study Methods
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	Africa
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	China
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	European Exploratory and Commercial Expeditions
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	European Imperialism in Asia
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.3.2.a	Analyzes multiple causal factors that shape major events in Washington State or world history.	Project: Timeline
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Belief Systems
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	China
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Christianity and Buddhism

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SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Conquest and Colonization of the New World
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Essay: Influence of Religion
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Project: Timeline
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	The Clashing of Religions
SOC.7.4.4.1.a	Analyzes how an event in Washington State or world history helps us to understand a current issue.	The Spread of Islam
SOC.7.5.1.1.a	Understands evidence supporting a position on an issue or event.	Belief Systems
SOC.7.5.1.1.a	Understands evidence supporting a position on an issue or event.	Christianity and Buddhism
SOC.7.5.1.1.a	Understands evidence supporting a position on an issue or event.	Essay: Influence of Religion
SOC.7.5.1.1.a	Understands evidence supporting a position on an issue or event.	The Clashing of Religions
SOC.7.5.1.1.a	Understands evidence supporting a position on an issue or event.	The Spread of Islam
SOC.7.5.1.2.a	Evaluates the breadth of evidence supporting positions on an issue or event.	Belief Systems
SOC.7.5.1.2.a	Evaluates the breadth of evidence supporting positions on an issue or event.	Christianity and Buddhism
SOC.7.5.1.2.a	Evaluates the breadth of evidence supporting positions on an issue or event.	Essay: Influence of Religion
SOC.7.5.1.2.a	Evaluates the breadth of evidence supporting positions on an issue or event.	Study Methods
SOC.7.5.1.2.a	Evaluates the breadth of evidence supporting positions on an issue or event.	The Clashing of Religions
SOC.7.5.1.2.a	Evaluates the breadth of evidence supporting positions on an issue or event.	The Spread of Islam
SOC.7.5.2.1.a	Creates and uses research questions to guide inquiry on an issue or event.	Belief Systems
SOC.7.5.2.1.a	Creates and uses research questions to guide inquiry on an issue or event.	Christianity and Buddhism
SOC.7.5.2.1.a	Creates and uses research questions to guide inquiry on an issue or event.	Essay: Influence of Religion
SOC.7.5.2.1.a	Creates and uses research questions to guide inquiry on an issue or event.	The Clashing of Religions
SOC.7.5.2.1.a	Creates and uses research questions to guide inquiry on an issue or event.	The Spread of Islam
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Belief Systems
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	China and India

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SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Christianity and Buddhism
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Essay: Influence of Religion
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Greece
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Study Methods
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	The Clashing of Religions
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	The Spread of Islam
SOC.7.5.2.2.a	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Transformations in Human History
SOC.7.5.3.1.a	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	China and India
SOC.7.5.3.1.a	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Greece
SOC.7.5.3.1.a	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Project: Point of View
SOC.7.5.3.1.a	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Transformations in Human History
SOC.7.5.4.1.a	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	China
SOC.7.5.4.1.a	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	European Exploratory and Commercial Expeditions
SOC.7.5.4.1.a	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	European Imperialism in Asia
SOC.7.5.4.1.a	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	Study Methods
SOC.7.5.4.2.a	Creates annotated bibliography or works cited page using an appropriate format.	Study Methods
Grade:	Grade 8	
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grade 6	
Grade:	Grade 7	
Section	Description	Lesson Title
SOC.7.1.1.2	Analyzes the relationship between the actions of people in Washington State and the ideals outlined in the State Constitution.	China and India

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SOC.7.1.1.2	Analyzes the relationship between the actions of people in Washington State and the ideals outlined in the State Constitution.	Greece
SOC.7.1.1.2	Analyzes the relationship between the actions of people in Washington State and the ideals outlined in the State Constitution.	Transformations in Human History
SOC.7.1.2.1	Understands and analyzes the structure, organization, and powers of government at the local, state, and tribal levels including the concept of tribal sovereignty.	China and India
SOC.7.1.2.1	Understands and analyzes the structure, organization, and powers of government at the local, state, and tribal levels including the concept of tribal sovereignty.	Greece
SOC.7.1.2.1	Understands and analyzes the structure, organization, and powers of government at the local, state, and tribal levels including the concept of tribal sovereignty.	People's Earliest Beginnings
SOC.7.1.2.1	Understands and analyzes the structure, organization, and powers of government at the local, state, and tribal levels including the concept of tribal sovereignty.	The Middle East and Africa
SOC.7.1.2.1	Understands and analyzes the structure, organization, and powers of government at the local, state, and tribal levels including the concept of tribal sovereignty.	Transformations in Human History
SOC.7.1.2.3	Understands various forms of government and their effects on the lives of people in the past or present.	China
SOC.7.1.2.3	Understands various forms of government and their effects on the lives of people in the past or present.	European Exploratory and Commercial Expeditions
SOC.7.1.2.3	Understands various forms of government and their effects on the lives of people in the past or present.	European Imperialism in Asia
SOC.7.1.3.1	Analyzes how international agreements have affected Washington State in the past or present.	China and India
SOC.7.1.3.1	Analyzes how international agreements have affected Washington State in the past or present.	Greece
SOC.7.1.3.1	Analyzes how international agreements have affected Washington State in the past or present.	Transformations in Human History
SOC.7.2.1.1	Analyzes the importance of financial literacy in making economic choices related to spending, saving, and investing.	China and India
SOC.7.2.1.1	Analyzes the importance of financial literacy in making economic choices related to spending, saving, and investing.	Greece
SOC.7.2.1.1	Analyzes the importance of financial literacy in making economic choices related to spending, saving, and investing.	Transformations in Human History
SOC.7.2.2.1	Analyzes the production, distribution, and consumption of goods, services, and resources in societies from the past or in the present.	China and India
SOC.7.2.2.1	Analyzes the production, distribution, and consumption of goods, services, and resources in societies from the past or in the present.	Greece
SOC.7.2.2.1	Analyzes the production, distribution, and consumption of goods, services, and resources in societies from the past or in the present.	Transformations in Human History
SOC.7.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in Washington State in the past or present.	China and India

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SOC.7.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in Washington State in the past or present.	Greece
SOC.7.2.2.2	Understands and analyzes how the forces of supply and demand have affected international trade in Washington State in the past or present.	Transformations in Human History
SOC.7.2.3.1	Understands and analyzes the role of government in the economy of Washington State through taxation, spending, and policy setting in the past or present.	China and India
SOC.7.2.3.1	Understands and analyzes the role of government in the economy of Washington State through taxation, spending, and policy setting in the past or present.	Greece
SOC.7.2.3.1	Understands and analyzes the role of government in the economy of Washington State through taxation, spending, and policy setting in the past or present.	Japan and Southeast Asia
SOC.7.2.3.1	Understands and analyzes the role of government in the economy of Washington State through taxation, spending, and policy setting in the past or present.	Transformations in Human History
SOC.7.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in Washington State.	China and India
SOC.7.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in Washington State.	Greece
SOC.7.2.4.1	Understands and analyzes the distribution of wealth and sustainability of resources in Washington State.	Transformations in Human History
SOC.7.3.1.2	Understands how human spatial patterns have emerged from natural processes and human activities in the past or present.	China
SOC.7.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in Washington State in the past or present.	China
SOC.7.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in Washington State in the past or present.	China and India
SOC.7.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in Washington State in the past or present.	Greece
SOC.7.3.2.1	Understands and analyzes how the environment has affected people and how people have affected the environment in Washington State in the past or present.	Transformations in Human History
SOC.7.3.2.2	Understands examples of cultural diffusion in the world from the past or in the present.	Conquest and Colonization of the New World
SOC.7.4.1.1	Analyzes a major historical event and how it is represented on timelines from different cultural perspectives.	China and India
SOC.7.4.1.1	Analyzes a major historical event and how it is represented on timelines from different cultural perspectives.	Greece
SOC.7.4.1.1	Analyzes a major historical event and how it is represented on timelines from different cultural perspectives.	Project: Point of View
SOC.7.4.1.1	Analyzes a major historical event and how it is represented on timelines from different cultural perspectives.	Project: Timeline

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SOC.7.4.1.1	Analyzes a major historical event and how it is represented on timelines from different cultural perspectives.	Transformations in Human History
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	China
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	China and India
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Inventions and Discoveries
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	People's Earliest Beginnings
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Project: Analogy
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Project: Comparison
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Project: Comparison Matrix
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Project: Influences
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Southeast Asia and Oceania
SOC.7.4.1.2.A	Explaining and comparing the development of major societies from 600 to 1450 in two or more regions of the world.	Transformations in Human History
SOC.7.4.1.2.F.2	Railroads, reform, immigration, and labor (1889-1930).	China
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Africa
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	China
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	China and India
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Europe
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Greece

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SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Project: Timeline
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	The French Revolution
SOC.7.4.2.1	Understands and analyzes how individuals and movements have shaped Washington State or world history.	Transformations in Human History
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Africa
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	China
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	China and India
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Europe
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Greece
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Project: Timeline
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	The French Revolution
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Transformations in Human History
SOC.7.4.2.2	Understands and analyzes how cultures and cultural groups contributed to Washington State or world history.	Who Studies History?
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Africa
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	China
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	China and India
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Europe
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Greece
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1

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SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Project: Timeline
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	The French Revolution
SOC.7.4.2.3	Understands and analyzes how technology and ideas have impacted Washington State or world history.	Transformations in Human History
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Africa
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	China
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	China and India
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Greece
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Project: Point of View
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Project: Timeline
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	The French Revolution
SOC.7.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in Washington State or world history.	Transformations in Human History
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	China
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	China and India
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	Conquest and Colonization of the New World
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	European Exploratory and Commercial Expeditions
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	European Imperialism in Asia
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	Greece
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	Project: Timeline
SOC.7.4.3.2	Analyzes multiple causal factors that shape major events in Washington State or world history.	Transformations in Human History
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Africa
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Belief Systems

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SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	China
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	China and India
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Christianity and Buddhism
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Conquest and Colonization of the New World
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Essay: Influence of Religion
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Greece
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Political, Social, and Economic Change in Europe-Part 2
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Project: Timeline
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	The Clashing of Religions
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	The French Revolution
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	The Spread of Islam
SOC.7.4.4.1	Analyzes how an event in Washington State or world history helps us to understand a current issue.	Transformations in Human History
SOC.7.5.1.1	Understands evidence supporting a position on an issue or event.	Belief Systems
SOC.7.5.1.1	Understands evidence supporting a position on an issue or event.	Christianity and Buddhism
SOC.7.5.1.1	Understands evidence supporting a position on an issue or event.	Essay: Influence of Religion
SOC.7.5.1.1	Understands evidence supporting a position on an issue or event.	The Clashing of Religions
SOC.7.5.1.1	Understands evidence supporting a position on an issue or event.	The Spread of Islam
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	Belief Systems
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	China and India
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	Christianity and Buddhism
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	Essay: Influence of Religion
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	Greece
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	The Clashing of Religions
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	The Spread of Islam
SOC.7.5.1.2	Evaluates the breadth of evidence supporting positions on an issue or event.	Transformations in Human History
SOC.7.5.2.1	Creates and uses research questions to guide inquiry on an issue or event.	Belief Systems

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SOC.7.5.2.1	Creates and uses research questions to guide inquiry on an issue or event.	Christianity and Buddhism
SOC.7.5.2.1	Creates and uses research questions to guide inquiry on an issue or event.	Essay: Influence of Religion
SOC.7.5.2.1	Creates and uses research questions to guide inquiry on an issue or event.	The Clashing of Religions
SOC.7.5.2.1	Creates and uses research questions to guide inquiry on an issue or event.	The Spread of Islam
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Belief Systems
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	China and India
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Christianity and Buddhism
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Essay: Influence of Religion
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Greece
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Study Methods
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	The Clashing of Religions
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	The Spread of Islam
SOC.7.5.2.2	Evaluates the breadth of primary and secondary sources and analyzes notes to determine the need for additional information while researching an issue or event.	Transformations in Human History
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Belief Systems
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	China and India
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Christianity and Buddhism
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Essay: Influence of Religion
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Greece
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Inventions and Discoveries
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Project: Point of View
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	The Clashing of Religions
SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	The Spread of Islam

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SOC.7.5.3.1	Analyzes and responds to multiple viewpoints on public issues brought forth in the context of a discussion.	Transformations in Human History
SOC.7.5.4.1	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	China and India
SOC.7.5.4.1	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	Greece
SOC.7.5.4.1	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	Study Methods
SOC.7.5.4.1	Analyzes multiple factors, makes generalizations, and interprets primary sources to formulate a thesis in a paper or presentation.	Transformations in Human History
Grade:	Grade 8	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grade 6	
Grade:	Grade 7	
Section	Description	Lesson Title
SOC.7.A.1.1	Explain the cultural impact of trade on Islamic civilization	Conquest and Colonization of the New World
SOC.7.A.1.1	Explain the cultural impact of trade on Islamic civilization	Egypt
SOC.7.A.1.1	Explain the cultural impact of trade on Islamic civilization	Project: Indo-European Groups
SOC.7.A.1.1	Explain the cultural impact of trade on Islamic civilization	River Valley Civilizations
SOC.7.A.1.1	Explain the cultural impact of trade on Islamic civilization	The Aryans
SOC.7.A.1.1	Explain the cultural impact of trade on Islamic civilization	The Meaning of Civilization
SOC.7.A.1.1	Explain the cultural impact of trade on Islamic civilization	The Spread of Islam
SOC.7.A.1.2	Explain why both nomadic and stationary lifestyles developed within Islamic civilization and describe examples of each	Egypt
SOC.7.A.1.2	Explain why both nomadic and stationary lifestyles developed within Islamic civilization and describe examples of each	Hunters and Farmers
SOC.7.A.1.2	Explain why both nomadic and stationary lifestyles developed within Islamic civilization and describe examples of each	Project: Indo-European Groups
SOC.7.A.1.2	Explain why both nomadic and stationary lifestyles developed within Islamic civilization and describe examples of each	River Valley Civilizations
SOC.7.A.1.2	Explain why both nomadic and stationary lifestyles developed within Islamic civilization and describe examples of each	The Aryans
SOC.7.A.1.2	Explain why both nomadic and stationary lifestyles developed within Islamic civilization and describe examples of each	The Meaning of Civilization
SOC.7.A.1.2	Explain why both nomadic and stationary lifestyles developed within Islamic civilization and describe examples of each	The Spread of Islam
SOC.7.A.1.3	Trace the expansion of the Islamic civilization and the reasons for its expansion	Conquest and Colonization of the New World
SOC.7.A.1.3	Trace the expansion of the Islamic civilization and the reasons for its expansion	The Spread of Islam

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SOC.7.A.2.1	Explain the economic impact of trade on Islamic civilization	The Spread of Islam
SOC.7.A.2.1	Explain the economic impact of trade on Islamic civilization	Transformations in Human History
SOC.7.A.2.1	Explain the economic impact of trade on Islamic civilization	Why Study History?
SOC.7.A.2.2	Describe the growth of cities on major trade routes	Essay: Trade
SOC.7.A.2.2	Describe the growth of cities on major trade routes	European Exploratory and Commercial Expeditions
SOC.7.A.2.2	Describe the growth of cities on major trade routes	European Imperialism in Asia
SOC.7.A.2.2	Describe the growth of cities on major trade routes	The Spread of Islam
SOC.7.A.2.2	Describe the growth of cities on major trade routes	Trade and Migration
SOC.7.A.3.1	Describe the system of government within the Islamic civilization and the effect of its power in the lives of its citizens	China
SOC.7.A.3.1	Describe the system of government within the Islamic civilization and the effect of its power in the lives of its citizens	European Exploratory and Commercial Expeditions
SOC.7.A.3.1	Describe the system of government within the Islamic civilization and the effect of its power in the lives of its citizens	European Imperialism in Asia
SOC.7.A.3.1	Describe the system of government within the Islamic civilization and the effect of its power in the lives of its citizens	The Spread of Islam
SOC.7.A.3.2	Explain the significance of the Qur'an and the Sunnah as the primary sources of Islamic beliefs, practice, and law, and their influence in Muslims' daily lives.	Essay: Influence of Religion
SOC.7.A.3.2	Explain the significance of the Qur'an and the Sunnah as the primary sources of Islamic beliefs, practice, and law, and their influence in Muslims' daily lives.	Regional Comparisons
SOC.7.A.3.2	Explain the significance of the Qur'an and the Sunnah as the primary sources of Islamic beliefs, practice, and law, and their influence in Muslims' daily lives.	Religion
SOC.7.A.3.2	Explain the significance of the Qur'an and the Sunnah as the primary sources of Islamic beliefs, practice, and law, and their influence in Muslims' daily lives.	The Spread of Islam
SOC.7.A.3.3	Trace the origins of Islam and the life and teachings of Muhammad, including Islamic teachings on the connection with Judaism and Christianity	Belief Systems
SOC.7.A.3.3	Trace the origins of Islam and the life and teachings of Muhammad, including Islamic teachings on the connection with Judaism and Christianity	Christianity and Buddhism
SOC.7.A.3.3	Trace the origins of Islam and the life and teachings of Muhammad, including Islamic teachings on the connection with Judaism and Christianity	Essay: Influence of Religion
SOC.7.A.3.3	Trace the origins of Islam and the life and teachings of Muhammad, including Islamic teachings on the connection with Judaism and Christianity	Regional Comparisons
SOC.7.A.3.3	Trace the origins of Islam and the life and teachings of Muhammad, including Islamic teachings on the connection with Judaism and Christianity	Religion
SOC.7.A.3.3	Trace the origins of Islam and the life and teachings of Muhammad, including Islamic teachings on the connection with Judaism and Christianity	The Clashing of Religions

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SOC.7.A.3.3	Trace the origins of Islam and the life and teachings of Muhammad, including Islamic teachings on the connection with Judaism and Christianity	The Spread of Islam
SOC.7.A.4.1	Trace the expansion of the Islamic civilization and explain the reasons for its expansion	Conquest and Colonization of the New World
SOC.7.A.4.1	Trace the expansion of the Islamic civilization and explain the reasons for its expansion	The Spread of Islam
SOC.7.A.4.2	Describe the contributions of the Islamic civilization to science, mathematics, medicine, arts, literature, trade, and banking	Early Language Development
SOC.7.A.4.2	Describe the contributions of the Islamic civilization to science, mathematics, medicine, arts, literature, trade, and banking	The Spread of Islam
SOC.7.A.4.2	Describe the contributions of the Islamic civilization to science, mathematics, medicine, arts, literature, trade, and banking	Why Study History?
SOC.7.B.1.1	Explain the role of physical geography in the eventual development of different nations within Europe	Europe Redefined
SOC.7.B.1.1	Explain the role of physical geography in the eventual development of different nations within Europe	Political, Social, and Economic Change in Europe-Part 1
SOC.7.B.1.1	Explain the role of physical geography in the eventual development of different nations within Europe	The Meaning of Civilization
SOC.7.B.1.2	Describe the impact of the plague and the development of towns and cities	China
SOC.7.B.1.2	Describe the impact of the plague and the development of towns and cities	European Exploratory and Commercial Expeditions
SOC.7.B.1.2	Describe the impact of the plague and the development of towns and cities	European Imperialism in Asia
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	China
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	Conquest and Colonization of the New World
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	Europe Redefined
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	European Exploratory and Commercial Expeditions
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	European Imperialism in Asia
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	Greece
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	Japan and Korea
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	People's Earliest Beginnings

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SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	Political, Social, and Economic Change in Europe-Part 1
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	Project: Timeline
SOC.7.B.1.3	Analyze the development of maps and other navigational aids and their impact, both positive and negative, on exploration, trade, and cultural diffusion	Transformations in Human History
SOC.7.B.2.1	Identify the components of the feudal system and describe how it affected the lives of each group within it	China
SOC.7.B.2.1	Identify the components of the feudal system and describe how it affected the lives of each group within it	Europe Redefined
SOC.7.B.2.1	Identify the components of the feudal system and describe how it affected the lives of each group within it	European Exploratory and Commercial Expeditions
SOC.7.B.2.1	Identify the components of the feudal system and describe how it affected the lives of each group within it	European Imperialism in Asia
SOC.7.B.2.1	Identify the components of the feudal system and describe how it affected the lives of each group within it	Japan and Southeast Asia
SOC.7.B.2.1	Identify the components of the feudal system and describe how it affected the lives of each group within it	Regional Comparisons
SOC.7.B.2.1	Identify the components of the feudal system and describe how it affected the lives of each group within it	The Spread of Islam
SOC.7.B.2.2	Explain the effects of reopening of the ancient "Silk Road" between Europe and China, including Marco Polo's travels and the location of his routes	China
SOC.7.B.2.2	Explain the effects of reopening of the ancient "Silk Road" between Europe and China, including Marco Polo's travels and the location of his routes	China and India
SOC.7.B.2.2	Explain the effects of reopening of the ancient "Silk Road" between Europe and China, including Marco Polo's travels and the location of his routes	The Spread of Islam
SOC.7.B.2.2	Explain the effects of reopening of the ancient "Silk Road" between Europe and China, including Marco Polo's travels and the location of his routes	Trade and Migration
SOC.7.B.2.3	Explain the growth of independent trading cities (e.g., Venice), with emphasis on the cities' importance in the spread of Renaissance ideas	Conquest and Colonization of the New World
SOC.7.B.2.3	Explain the growth of independent trading cities (e.g., Venice), with emphasis on the cities' importance in the spread of Renaissance ideas	Renaissance and Reformation
SOC.7.B.2.3	Explain the growth of independent trading cities (e.g., Venice), with emphasis on the cities' importance in the spread of Renaissance ideas	The Industrial Revolution
SOC.7.B.3.1	Understand the conflict and cooperation between the Papacy and European monarchs (e.g., Charlemagne, Gregory VII, Emperor Henry IV)	Europe Redefined
SOC.7.B.3.1	Understand the conflict and cooperation between the Papacy and European monarchs (e.g., Charlemagne, Gregory VII, Emperor Henry IV)	European Exploratory and Commercial Expeditions
SOC.7.B.3.1	Understand the conflict and cooperation between the Papacy and European monarchs (e.g., Charlemagne, Gregory VII, Emperor Henry IV)	Political, Social, and Economic Change in Europe-Part 1

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SOC.7.B.3.1	Understand the conflict and cooperation between the Papacy and European monarchs (e.g., Charlemagne, Gregory VII, Emperor Henry IV)	Project: Themes in Relationships
SOC.7.B.3.1	Understand the conflict and cooperation between the Papacy and European monarchs (e.g., Charlemagne, Gregory VII, Emperor Henry IV)	Project: Timeline
SOC.7.B.3.2	Understand the decline of Muslim rule and the rise of Spanish and Portuguese kingdoms	The Spread of Islam
SOC.7.B.3.3	Describe the political, economic, social, and educational power of the Catholic Church during the Medieval and Renaissance Periods	Europe Redefined
SOC.7.B.3.3	Describe the political, economic, social, and educational power of the Catholic Church during the Medieval and Renaissance Periods	European Exploratory and Commercial Expeditions
SOC.7.B.3.3	Describe the political, economic, social, and educational power of the Catholic Church during the Medieval and Renaissance Periods	Political, Social, and Economic Change in Europe-Part 1
SOC.7.B.3.3	Describe the political, economic, social, and educational power of the Catholic Church during the Medieval and Renaissance Periods	Project: Timeline
SOC.7.B.3.3	Describe the political, economic, social, and educational power of the Catholic Church during the Medieval and Renaissance Periods	Renaissance and Reformation
SOC.7.B.3.3	Describe the political, economic, social, and educational power of the Catholic Church during the Medieval and Renaissance Periods	Rome
SOC.7.B.3.3	Describe the political, economic, social, and educational power of the Catholic Church during the Medieval and Renaissance Periods	The Olmecs
SOC.7.B.4.1	Explain the causes and consequences of the Crusades	China
SOC.7.B.4.1	Explain the causes and consequences of the Crusades	European Exploratory and Commercial Expeditions
SOC.7.B.4.1	Explain the causes and consequences of the Crusades	European Imperialism in Asia
SOC.7.B.4.1	Explain the causes and consequences of the Crusades	Political, Social, and Economic Change in Europe-Part 2
SOC.7.B.4.1	Explain the causes and consequences of the Crusades	The Clashing of Religions
SOC.7.B.4.2	Identify what is meant by Humanism and explain how this philosophy affected society during the Renaissance	Political, Social, and Economic Change in Europe-Part 2
SOC.7.B.4.2	Identify what is meant by Humanism and explain how this philosophy affected society during the Renaissance	Renaissance and Reformation
SOC.7.B.4.2	Identify what is meant by Humanism and explain how this philosophy affected society during the Renaissance	Transformations in Human History
SOC.7.B.4.3	Detail the impact of advances made in the arts, science, mathematics, cartography, engineering, and the understanding of human anatomy and astronomy (e.g., Dante Alighieri, Leonardo da Vinci, Michelangelo di Buonarroti Simoni, Johann Gutenberg, William Shakespeare)	Early Language Development
SOC.7.B.4.3	Detail the impact of advances made in the arts, science, mathematics, cartography, engineering, and the understanding of human anatomy and astronomy (e.g., Dante Alighieri, Leonardo da Vinci, Michelangelo di Buonarroti Simoni, Johann Gutenberg, William Shakespeare)	Renaissance and Reformation

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SOC.7.B.4.3	Detail the impact of advances made in the arts, science, mathematics, cartography, engineering, and the understanding of human anatomy and astronomy (e.g., Dante Alighieri, Leonardo da Vinci, Michelangelo di Buonarroti Simoni, Johann Gutenberg, William Shakespeare)	The Scientific Revolution and the Enlightenment
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	China
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	Europe Redefined
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	European Exploratory and Commercial Expeditions
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	Political, Social, and Economic Change in Europe-Part 1
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	Project: Analogy
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	Project: Comparison Matrix
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	Project: Influences
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	Project: Timeline
SOC.7.B.4.4	Compare the art of Medieval Europe with that of the Renaissance.	Renaissance and Reformation
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Africa
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Africa
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	China
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	China and Japan
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Classical Civilizations
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Egypt
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Essay: Environment
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Impact and Influences of Early Agricultural Societies
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Japan
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Japan and Southeast Asia
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Project: Events and Trends
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Project: Indo-European Groups
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	River Valley Civilizations
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Rome
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	Social and Cultural Conditions of Early Agricultural Societies

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SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	The Aryans
SOC.7.C.1.1	Explain how physical geography affected the development of each civilization	The Hellenistic Period
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Africa
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Africa
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	China
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	China and Japan
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Classical Civilizations
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Egypt
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Essay: Environment
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Impact and Influences of Early Agricultural Societies
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Japan and Southeast Asia
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Project: Events and Trends
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Project: Exploratory Routes
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Project: Indo-European Groups
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	River Valley Civilizations
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Rome
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	Social and Cultural Conditions of Early Agricultural Societies
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	The Aryans
SOC.7.C.1.2	Create a physical and political map of each civilization using the seven elements of a map	The Hellenistic Period
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Africa
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Africa
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	China
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Conquest and Colonization of the New World
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Egypt

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SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Essay: Environment
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Impact and Influences of Early Agricultural Societies
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Project: Events and Trends
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Project: Indo-European Groups
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	River Valley Civilizations
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Rome
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	Social and Cultural Conditions of Early Agricultural Societies
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	The Aryans
SOC.7.C.1.3	SPECIFIC: Describe the importance of written and oral traditions in the trans-mission of African history and culture.	The Hellenistic Period
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Africa
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Africa
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	China
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	China
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Classical Civilizations
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Egypt
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Essay: Environment
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	European Exploratory and Commercial Expeditions
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	European Imperialism in Asia
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Impact and Influences of Early Agricultural Societies
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Japan
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Japan and Southeast Asia
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Project: Events and Trends

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SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Project: Indo-European Groups
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	River Valley Civilizations
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Rome
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Social and Cultural Conditions of Early Agricultural Societies
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	The Aryans
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	The Hellenistic Period
SOC.7.C.2.1	Describe the types of trade that developed in each civilization and explain the effects of trade on each culture	Why Study History?
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Africa
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Africa
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	China
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	China and Japan
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Classical Civilizations
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Egypt
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Essay: Environment
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Impact and Influences of Early Agricultural Societies
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Japan
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Japan and Southeast Asia
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Project: Events and Trends
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Project: Indo-European Groups
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	River Valley Civilizations
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Rome
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	Social and Cultural Conditions of Early Agricultural Societies
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	The Aryans
SOC.7.C.2.2	Describe the ways in which people made a living in this civilization	The Hellenistic Period
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	Africa
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	Africa
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	China

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SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	Essay: Trade
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	European Exploratory and Commercial Expeditions
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	European Imperialism in Asia
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	Greece
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	Trade and Migration
SOC.7.C.2.3	SPECIFIC: Analyze the effects of the trans-Saharan trade routes on West African cities.	Transformations in Human History
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Africa
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Africa
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	China
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	China
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	China and Japan
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Classical Civilizations
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Egypt
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Essay: Environment
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	European Exploratory and Commercial Expeditions
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	European Imperialism in Asia
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Impact and Influences of Early Agricultural Societies
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Japan
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Japan and Southeast Asia
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Project: Events and Trends
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Project: Indo-European Groups
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	River Valley Civilizations
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Rome
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	Social and Cultural Conditions of Early Agricultural Societies
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	The Aryans
SOC.7.C.3.1	Describe the type of government that developed in this civilization and its effect on the lives of its citizens	The Hellenistic Period

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SOC.7.C.3.2	SPECIFIC: Analyze the rise of a military society in Japan in the late twelfth century and the role of the samurai in that society.	Greece
SOC.7.C.3.2	SPECIFIC: Analyze the rise of a military society in Japan in the late twelfth century and the role of the samurai in that society.	Japan and Southeast Asia
SOC.7.C.3.2	SPECIFIC: Analyze the rise of a military society in Japan in the late twelfth century and the role of the samurai in that society.	Transformations in Human History
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	Africa
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	Africa
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	China and Japan
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	Classical Civilizations
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	European Exploratory and Commercial Expeditions
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	Greece
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	Japan
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	Japan and Southeast Asia
SOC.7.C.4.1	Analyze the interaction between culture and beliefs found in this civilization	Transformations in Human History
SOC.7.C.4.2	Examine the social systems of each civilization	Africa
SOC.7.C.4.2	Examine the social systems of each civilization	Africa
SOC.7.C.4.2	Examine the social systems of each civilization	China
SOC.7.C.4.2	Examine the social systems of each civilization	China and Japan
SOC.7.C.4.2	Examine the social systems of each civilization	Classical Civilizations
SOC.7.C.4.2	Examine the social systems of each civilization	Egypt
SOC.7.C.4.2	Examine the social systems of each civilization	Essay: Environment
SOC.7.C.4.2	Examine the social systems of each civilization	Greece
SOC.7.C.4.2	Examine the social systems of each civilization	Impact and Influences of Early Agricultural Societies
SOC.7.C.4.2	Examine the social systems of each civilization	Japan
SOC.7.C.4.2	Examine the social systems of each civilization	Japan and Southeast Asia
SOC.7.C.4.2	Examine the social systems of each civilization	Project: Events and Trends
SOC.7.C.4.2	Examine the social systems of each civilization	Project: Indo-European Groups
SOC.7.C.4.2	Examine the social systems of each civilization	River Valley Civilizations
SOC.7.C.4.2	Examine the social systems of each civilization	Rome
SOC.7.C.4.2	Examine the social systems of each civilization	Social and Cultural Conditions of Early Agricultural Societies
SOC.7.C.4.2	Examine the social systems of each civilization	The Aryans
SOC.7.C.4.2	Examine the social systems of each civilization	The Hellenistic Period
SOC.7.C.4.2	Examine the social systems of each civilization	Transformations in Human History
SOC.7.C.4.3	Identify and describe the achievements of this civilization in science, arts, and technology	Africa
SOC.7.C.4.3	Identify and describe the achievements of this civilization in science, arts, and technology	Africa
SOC.7.C.4.3	Identify and describe the achievements of this civilization in science, arts, and technology	China and Japan

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SOC.7.C.4.3	Identify and describe the achievements of this civilization in science, arts, and technology	Classical Civilizations
SOC.7.C.4.3	Identify and describe the achievements of this civilization in science, arts, and technology	Early Language Development
SOC.7.C.4.3	Identify and describe the achievements of this civilization in science, arts, and technology	Japan
SOC.7.C.4.3	Identify and describe the achievements of this civilization in science, arts, and technology	Japan and Southeast Asia
SOC.7.C.4.4	SPECIFIC: Describe the Meso-American achievements in astronomy and mathematics, including	Mayan and Incan Societies
SOC.7.C.4.4	SPECIFIC: Describe the Meso-American achievements in astronomy and mathematics, including	Mesoamerica and the Andes
SOC.7.C.4.4	SPECIFIC: Describe the Meso-American achievements in astronomy and mathematics, including	North American Societies
SOC.7.C.4.4	SPECIFIC: Describe the Meso-American achievements in astronomy and mathematics, including	The Americas and Afro-Eurasia in Comparison
SOC.7.C.4.4	SPECIFIC: Describe the Meso-American achievements in astronomy and mathematics, including	The Olmecs
SOC.7.A.1.1	Describe the relative location and important characteristics of the five regions of Washington State	Transformations in Human History
SOC.7.A.1.2	Identify how Pacific Northwest and Plateau tribal peoples use the physical geography to meet their basic needs past and present	Effects of Environment and Geography on the Human Race's Development
SOC.7.A.1.2	Identify how Pacific Northwest and Plateau tribal peoples use the physical geography to meet their basic needs past and present	The Meaning of Civilization
SOC.7.A.2.5	Describe the treaty negotiation process and its effects on tribal peoples as well as the development of Washington	China
SOC.7.A.2.5	Describe the treaty negotiation process and its effects on tribal peoples as well as the development of Washington	European Exploratory and Commercial Expeditions
SOC.7.A.2.5	Describe the treaty negotiation process and its effects on tribal peoples as well as the development of Washington	European Imperialism in Asia
SOC.7.A.3.1	Trace the development of major industries in Washington State and the environmental, political, and cultural factors that encouraged or discouraged their development	China
SOC.7.A.3.1	Trace the development of major industries in Washington State and the environmental, political, and cultural factors that encouraged or discouraged their development	Early Language Development
SOC.7.A.4.1	Identify different immigrant groups in Washington State: why they came, challenges they encountered, and their contributions to our state	Conquest and Colonization of the New World
SOC.7.A.4.1	Identify different immigrant groups in Washington State: why they came, challenges they encountered, and their contributions to our state	Who Studies History?
SOC.7.B.1.1	Using the most recent census data available, identify the different ethnic groups within a state or region and describe the opportunities and difficulties they encountered during the Great Depression and World War II	World War II (A New Threat)
SOC.7.B.1.2	Compare the effects of the Great Depression and World War II on urban, rural, and migrant communities in Washington State	China
SOC.7.B.1.2	Compare the effects of the Great Depression and World War II on urban, rural, and migrant communities in Washington State	Population and Economic Shifts

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SOC.7.B.1.2	Compare the effects of the Great Depression and World War II on urban, rural, and migrant communities in Washington State	Project: Analogy
SOC.7.B.1.2	Compare the effects of the Great Depression and World War II on urban, rural, and migrant communities in Washington State	Project: Comparison Matrix
SOC.7.B.1.2	Compare the effects of the Great Depression and World War II on urban, rural, and migrant communities in Washington State	Project: Influences
SOC.7.B.1.3	Analyze how cultural diffusion and transmission create patterns on the landscape	Conquest and Colonization of the New World
SOC.7.B.1.3	Analyze how cultural diffusion and transmission create patterns on the landscape	Greece
SOC.7.B.1.3	Analyze how cultural diffusion and transmission create patterns on the landscape	Transformations in Human History
SOC.7.B.1.4	Analyze how Washington's ethnic groups "borrow" certain cultural aspects from each other and how that practice leads to unify and/or divide	Conquest and Colonization of the New World
SOC.7.B.1.4	Analyze how Washington's ethnic groups "borrow" certain cultural aspects from each other and how that practice leads to unify and/or divide	Greece
SOC.7.B.1.4	Analyze how Washington's ethnic groups "borrow" certain cultural aspects from each other and how that practice leads to unify and/or divide	Transformations in Human History
SOC.7.B.2.1	Describe how Washington's economy and industry changed as a result of the Great Depression and World War II.	Transformations in Human History
SOC.7.B.2.1	Describe how Washington's economy and industry changed as a result of the Great Depression and World War II.	World War II (Asia and the Pacific)
SOC.7.B.2.2	Discuss the impact of migrant worker populations on the state's economy and industry	China
SOC.7.B.2.2	Discuss the impact of migrant worker populations on the state's economy and industry	European Exploratory and Commercial Expeditions
SOC.7.B.2.2	Discuss the impact of migrant worker populations on the state's economy and industry	European Imperialism in Asia
SOC.7.B.3.1	Analyze the various responses of Washington residents to the internment of Japanese Americans	Greece
SOC.7.B.3.1	Analyze the various responses of Washington residents to the internment of Japanese Americans	Transformations in Human History
SOC.7.B.4.1	Analyze the causes and effects of Japanese internment	China
SOC.7.B.4.1	Analyze the causes and effects of Japanese internment	European Exploratory and Commercial Expeditions
SOC.7.B.4.1	Analyze the causes and effects of Japanese internment	European Imperialism in Asia
SOC.7.B.4.1	Analyze the causes and effects of Japanese internment	Greece
SOC.7.B.4.1	Analyze the causes and effects of Japanese internment	Transformations in Human History
SOC.7.B.4.2	Identify various ethnic and cultural groups' perspectives on World War II.	Conquest and Colonization of the New World
SOC.7.B.4.2	Identify various ethnic and cultural groups' perspectives on World War II.	Project: Point of View
SOC.7.B.4.2	Identify various ethnic and cultural groups' perspectives on World War II.	Who Studies History?
SOC.7.B.4.2	Identify various ethnic and cultural groups' perspectives on World War II.	World War II (A New Threat)

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SOC.7.C.1.1	Describe the causes and effects of the Boldt Decision and how it has served as a precedent for other legal/environmental dilemmas	China
SOC.7.C.1.1	Describe the causes and effects of the Boldt Decision and how it has served as a precedent for other legal/environmental dilemmas	European Exploratory and Commercial Expeditions
SOC.7.C.1.1	Describe the causes and effects of the Boldt Decision and how it has served as a precedent for other legal/environmental dilemmas	European Imperialism in Asia
SOC.7.C.1.2	Describe the growth of suburbs in Washington State and its impact on people's lives and the environment	China
SOC.7.C.1.2	Describe the growth of suburbs in Washington State and its impact on people's lives and the environment	European Exploratory and Commercial Expeditions
SOC.7.C.1.2	Describe the growth of suburbs in Washington State and its impact on people's lives and the environment	European Imperialism in Asia
SOC.7.C.2.1	Analyze why the economy of Washington State has gone through various economic cycles of boom and bust	Greece
SOC.7.C.2.1	Analyze why the economy of Washington State has gone through various economic cycles of boom and bust	Transformations in Human History
SOC.7.C.2.2	Identify the ways that treaty agreements and growing tribal sovereignty affect the economy	Transformations in Human History
SOC.7.C.3.2	Identify the major social movements after World War II to 1980 and the groups they impacted	China
SOC.7.C.3.2	Identify the major social movements after World War II to 1980 and the groups they impacted	Conquest and Colonization of the New World
SOC.7.C.3.2	Identify the major social movements after World War II to 1980 and the groups they impacted	The Industrial Revolution
SOC.7.C.3.2	Identify the major social movements after World War II to 1980 and the groups they impacted	Transformations in Human History
SOC.7.C.3.2	Identify the major social movements after World War II to 1980 and the groups they impacted	Who Studies History?
SOC.7.C.4.1	Identify the effects that the Cold War, the Korean War, and the Vietnam War had on both majority and minority ethnic and cultural groups of Washington State.	Africa and Asia
SOC.7.C.4.1	Identify the effects that the Cold War, the Korean War, and the Vietnam War had on both majority and minority ethnic and cultural groups of Washington State.	Conquest and Colonization of the New World
SOC.7.C.4.1	Identify the effects that the Cold War, the Korean War, and the Vietnam War had on both majority and minority ethnic and cultural groups of Washington State.	Who Studies History?
SOC.7.D.1.1	Compare and contrast the eastern and western parts of Washington State as to economic, political, tribal and cultural factors in the present	China
SOC.7.D.1.1	Compare and contrast the eastern and western parts of Washington State as to economic, political, tribal and cultural factors in the present	Early Language Development
SOC.7.D.1.1	Compare and contrast the eastern and western parts of Washington State as to economic, political, tribal and cultural factors in the present	Project: Analogy
SOC.7.D.1.1	Compare and contrast the eastern and western parts of Washington State as to economic, political, tribal and cultural factors in the present	Project: Comparison Matrix

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SOC.7.D.1.1	Compare and contrast the eastern and western parts of Washington State as to economic, political, tribal and cultural factors in the present	Project: Influences
SOC.7.D.1.1	Compare and contrast the eastern and western parts of Washington State as to economic, political, tribal and cultural factors in the present	Southeast Asia and Oceania
SOC.7.D.1.2	Chart and analyze the demographic changes of Washington State from 1889 to the present	Greece
SOC.7.D.1.2	Chart and analyze the demographic changes of Washington State from 1889 to the present	Population Trends
SOC.7.D.1.2	Chart and analyze the demographic changes of Washington State from 1889 to the present	Transformations in Human History
SOC.7.D.1.3	Describe the geographic, social, cultural, and political effects of increasing population and urbanization in contemporary Washington State	Changes in World Population
SOC.7.D.1.3	Describe the geographic, social, cultural, and political effects of increasing population and urbanization in contemporary Washington State	China
SOC.7.D.1.3	Describe the geographic, social, cultural, and political effects of increasing population and urbanization in contemporary Washington State	Essay: Population Growth
SOC.7.D.1.3	Describe the geographic, social, cultural, and political effects of increasing population and urbanization in contemporary Washington State	Population Trends
SOC.7.D.1.3	Describe the geographic, social, cultural, and political effects of increasing population and urbanization in contemporary Washington State	Population and Economic Shifts
SOC.7.D.1.3	Describe the geographic, social, cultural, and political effects of increasing population and urbanization in contemporary Washington State	Transformations in Human History
SOC.7.D.2.1	Compare private, state, and tribal approaches to addressing the disparity between energy needs and environmental needs in contemporary Washington State	China
SOC.7.D.2.1	Compare private, state, and tribal approaches to addressing the disparity between energy needs and environmental needs in contemporary Washington State	Project: Analogy
SOC.7.D.2.1	Compare private, state, and tribal approaches to addressing the disparity between energy needs and environmental needs in contemporary Washington State	Project: Comparison Matrix
SOC.7.D.2.1	Compare private, state, and tribal approaches to addressing the disparity between energy needs and environmental needs in contemporary Washington State	Project: Influences
SOC.7.D.2.1	Compare private, state, and tribal approaches to addressing the disparity between energy needs and environmental needs in contemporary Washington State	Project: Point of View
SOC.7.D.2.2	Analyze the effects that Boeing, Microsoft, and other large corporations have had on Washington Stat	China
SOC.7.D.2.2	Analyze the effects that Boeing, Microsoft, and other large corporations have had on Washington Stat	European Exploratory and Commercial Expeditions
SOC.7.D.2.2	Analyze the effects that Boeing, Microsoft, and other large corporations have had on Washington Stat	European Imperialism in Asia
SOC.7.D.2.2	Analyze the effects that Boeing, Microsoft, and other large corporations have had on Washington Stat	Greece

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SOC.7.D.2.2	Analyze the effects that Boeing, Microsoft, and other large corporations have had on Washington Stat	Transformations in Human History
SOC.7.D.2.3	Demonstrate the relationship between Washington State and other Pacific Rim countries with regard to location, trade, and culture	Early Language Development
SOC.7.D.2.3	Demonstrate the relationship between Washington State and other Pacific Rim countries with regard to location, trade, and culture	Why Study History?
SOC.7.D.3.2	Analyze the statewide impact that tribal sovereignty has on all citizens of Washington State	China
SOC.7.D.3.2	Analyze the statewide impact that tribal sovereignty has on all citizens of Washington State	European Exploratory and Commercial Expeditions
SOC.7.D.3.2	Analyze the statewide impact that tribal sovereignty has on all citizens of Washington State	European Imperialism in Asia
SOC.7.D.3.2	Analyze the statewide impact that tribal sovereignty has on all citizens of Washington State	Greece
SOC.7.D.3.2	Analyze the statewide impact that tribal sovereignty has on all citizens of Washington State	Transformations in Human History
SOC.7.D.3.3	Evaluate the effects of the initiative process on individual rights and the common good	Greece
SOC.7.D.3.3	Evaluate the effects of the initiative process on individual rights and the common good	Transformations in Human History
SOC.7.D.4.1	Describe the relationship between Washington State and other Pacific Rim countries with regard to location, trade, and culture	Early Language Development
SOC.7.D.4.1	Describe the relationship between Washington State and other Pacific Rim countries with regard to location, trade, and culture	Why Study History?
SOC.7.D.4.2	Outline contemporary historical events and issues that continue to impact Washington State.	Belief Systems

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Social Studies
Grade:	Grades: 9-10

Section	Description	Lesson Title
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	Flappers and Popular Culture
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	Harlem Renaissance
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	Supporting the War Effort
SOC.9-10.3.2.2.a	Understands and analyzes examples of ethnocentrism.	Nifty Fifties
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Nifty Fifties
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	Deal or No Deal
SOC.9-10.4.2.2.a	Analyzes how cultures and cultural groups have shaped world history (1450-present).	Nifty Fifties

Grade: Grade 11

Section	Description	Lesson Title
SOC.11.1.1.2.a	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Challenging Segregation
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Truman Show
SOC.11.3.2.2.a	Analyzes cultural interactions.	Nifty Fifties
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Return to Normalcy
SOC.11.4.1.2.a.1	Our foundations (1776-1791).	Return to Normalcy
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	Entering the Industrial Age
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	Return to Normalcy
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Corruption and Political Machines
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Devastation of the Depression
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Leaders and Limitations of Progressivism
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Progressive Reforms
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Return to Normalcy
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Uncle Sam Is Depressed
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	World Is Depressed
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Americans Mobilize
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Conservative Revolution
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	European Theatre
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Moving from Isolationism to War
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Origins of the Cold War

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SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Pacific Theatre
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Post-Cold War Foreign Policy
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Return to Normalcy
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Corruption and Political Machines
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Leaders and Limitations of Progressivism
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Progressive Reforms
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Project: Comparison Matrix
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Return to Normalcy
SOC.11.4.1.2.a.6	Entering a new era (1991-present).	Return to Normalcy
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	Deal or No Deal
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	Progressivism
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	Return to Normalcy
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Nifty Fifties
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Return to Normalcy
SOC.11.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Return to Normalcy
SOC.11.4.3.1.a	Analyzes differing interpretations of events in U.S. history (1890-present).	Return to Normalcy
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Progressivism
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Return to Normalcy
SOC.11.4.4.1.a	Analyzes how an understanding of United States history can help us prevent problems today.	Return to Normalcy
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.1.2.a	Evaluates relationships between key ideals and historical and current realities.	Return to Normalcy
SOC.12.3.2.2.a	Analyzes and evaluates the social and political factors affecting cultural interactions.	Nifty Fifties
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Growth of Cities
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Immigration and Migration
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Immigration at the Turn of the Century
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Project: Immigrant Experience
SOC.12.4.2.1.a	Evaluates how individuals and movements have shaped contemporary world issues.	Deal or No Deal
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	

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Section	Description	Lesson Title
SOC.9-10.3.1.2	Identifies major world regions and understands their cultural roots.	Nifty Fifties
SOC.9-10.3.1.2	Identifies major world regions and understands their cultural roots.	Social and Religious Changes
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Nifty Fifties
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Russian Revolution
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	The United States Enters the War
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Corruption and Political Machines
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Progressive Reforms
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Challenging Segregation
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Return to Normalcy
SOC.11.3.2.2	Analyzes cultural interactions.	Nifty Fifties
SOC.11.4.1.2.A	Our foundations (1776-1791).	Progressivism
SOC.11.4.1.2.A	Our foundations (1776-1791).	Return to Normalcy
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	American Expansionism
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Entering the Industrial Age
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Project: Panama Canal
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Return to Normalcy
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Corruption and Political Machines
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Devastation of the Depression
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Leaders and Limitations of Progressivism
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Progressive Reforms
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Progressivism
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Return to Normalcy
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Uncle Sam Is Depressed
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	World Is Depressed
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Americans Mobilize
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Conservative Revolution
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	European Theatre
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Moving from Isolationism to War
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Origins of the Cold War
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Pacific Theatre
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Post-Cold War Foreign Policy

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SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Progressivism
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Return to Normalcy
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Truman Show
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Progressivism
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Project: Comparison Matrix
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Return to Normalcy
SOC.11.4.1.2.F	Entering a new era (1991-present).	Progressivism
SOC.11.4.1.2.F	Entering a new era (1991-present).	Return to Normalcy
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Progressivism
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Return to Normalcy
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Progressivism
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Return to Normalcy
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Progressivism
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Return to Normalcy
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Progressivism
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Return to Normalcy
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Progressivism
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Return to Normalcy
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Progressivism
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Return to Normalcy
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Truman Show
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	Nifty Fifties
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Nifty Fifties
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	Social and Religious Changes
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	Nifty Fifties

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SOC.9-10.B.2.2	Understand the transformations of Asian cultures and governments as a result of revolution	Nifty Fifties
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Industrialists and Big Business
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Global Economy
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	Project: Immigrant Experience
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propoganda and nationalism. (e.g. The Russian Revolution)	Project: Comparison Matrix
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propoganda and nationalism. (e.g. The Russian Revolution)	The United States Enters the War
SOC.9-10.C.1.2	Discuss human rights violations and genocide	Holocaust
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Isolationism and Nationalism
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Moving from Isolationism to War
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Wilson's Peace Plan
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	World Is Depressed
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Global Imperialism
SOC.9-10.C.1.9	Describe the independence struggles of the colonized regions of the world, including the roles of leaders	The United States as a World Power
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Americans Mobilize
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	European Theatre
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Moving from Isolationism to War

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SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Origins of the Cold War
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Pacific Theatre
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Isolationism and Nationalism
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Wilson's Peace Plan
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	World Is Depressed
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Americans Mobilize
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	European Theatre
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Moving from Isolationism to War
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Pacific Theatre
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Superpowers Compete for Influence
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Isolationism and Nationalism
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Moving from Isolationism to War
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Wilson's Peace Plan
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	World Is Depressed

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SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Conservative Revolution
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Origins of the Cold War
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	Holocaust
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Social and Religious Changes
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Challenging Segregation
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Era of Activism
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	Holocaust
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	Holocaust
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Social and Religious Changes
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Challenging Segregation
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Era of Activism
SOC.9-10.D.4.1	Understand the economic causes and consequences of the reoccurrence of genocide in history	Holocaust
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Nifty Fifties
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Nifty Fifties
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Nifty Fifties
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Nifty Fifties
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Nifty Fifties
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Nifty Fifties
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Nifty Fifties
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Challenging Segregation

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SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Era of Activism
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Supporting the War Effort
SOC.11.A.1.3	Describe the purpose and the effects of the Open Door Policy	American Expansionism
SOC.11.A.1.3	Describe the purpose and the effects of the Open Door Policy	The United States as a World Power
SOC.11.A.1.4	Explain the causes and impacts of the women's suffrage movement	Leaders and Limitations of Progressivism
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Immigration at the Turn of the Century
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Race Relations and Discrimination
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Return to Normalcy
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Project: Comparison Matrix
SOC.11.A.2.4	Describe the contributions of various religious groups to American civic principles and social reform movements and cite incidents of religious intolerance in the United States	Social and Religious Changes
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Corruption and Political Machines
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Farmers and Populists
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Leaders and Limitations of Progressivism
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Progressive Reforms
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Progressivism
SOC.11.A.3.1	Chart the changing demographics in the United States as a result of industrialization	Entering the Industrial Age
SOC.11.A.3.1	Chart the changing demographics in the United States as a result of industrialization	Project: Comparison Matrix
SOC.11.A.3.2	Explain how natural resources were harvested and/or depleted during the rise of industrialism	Entering the Industrial Age
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	American Expansionism
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	Project: Panama Canal

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SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	Return to Normalcy
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	The United States as a World Power
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Education and Entertainment
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Flappers and Popular Culture
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Nifty Fifties
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Entering the Industrial Age
SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	Growth of Cities
SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	Project: Immigrant Experience
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	A New Deal for Americans
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Deal or No Deal
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Devastation of the Depression
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Project: New Deal Programs
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Uncle Sam Is Depressed
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	World Is Depressed
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	Farmers and Populists
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	Leaders and Limitations of Progressivism
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	Progressive Reforms
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	Progressivism
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	Harlem Renaissance
SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Flappers and Popular Culture
SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Prohibition

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SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Rise of a Consumer Culture
SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Uncle Sam Is Depressed
SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Women's Roles in Society
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	A New Deal for Americans
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	Project: New Deal Programs
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	Uncle Sam Is Depressed
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Corruption and Political Machines
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Farmers and Populists
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Leaders and Limitations of Progressivism
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Progressive Reforms
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Progressivism
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Flappers and Popular Culture
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Prohibition
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Red Scare
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Rise of a Consumer Culture
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Uncle Sam Is Depressed
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Women's Roles in Society
SOC.11.B.4.1	Examine the consequences of migration from rural to urban areas	Project: Immigrant Experience
SOC.11.B.4.2	Explain the geographic causes and consequences of the Dust Bowl	Devastation of the Depression
SOC.11.B.4.2	Explain the geographic causes and consequences of the Dust Bowl	Uncle Sam Is Depressed
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Americans Mobilize
SOC.11.C.1.1	Analyze the causes and consequences of World War II	European Theatre
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Isolationism and Nationalism
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Moving from Isolationism to War
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Pacific Theatre

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Conservative Revolution
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Eisenhower Years
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Origins of the Cold War
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Pacific Theatre
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Truman Show
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Americans Mobilize
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	European Theatre
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Moving from Isolationism to War
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Pacific Theatre
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Americans Mobilize
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	European Theatre
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Moving from Isolationism to War
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Pacific Theatre
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Eisenhower Years
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Education and Entertainment

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SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Flappers and Popular Culture
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Nifty Fifties
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Challenging Segregation
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Era of Activism
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Challenging Segregation
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Civil Rights Movement
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Era of Activism
SOC.11.D.1.7	Discuss the changing roles of women in society as reflected in the entry of more women into the labor force and the changing family structure	Women's Roles in Society
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Era of Activism
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Progressivism
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Conservative Revolution
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Project: Immigrant Experience
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Social and Religious Changes
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Conservative Revolution
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Project: Immigrant Experience
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Social and Religious Changes
SOC.11.D.3.1	Discuss the reasons for the nation's changing immigration policy, with emphasis on how the Immigration Act of 1965 and successor acts have transformed American society	Immigration and Migration
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Conservative Revolution
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Project: Comparison Matrix

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SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	Project: Comparison Matrix
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Challenging Segregation
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Era of Activism
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Nifty Fifties
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Social and Religious Changes
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Supporting the War Effort
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Challenging Segregation
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Era of Activism
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Women's Movement
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	America's Greatest Generation
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Global Economy
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	America's Greatest Generation
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Global Economy
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.A.4.3	Examine how an understanding of international economic issues contributes to a person's role as a citizen	Conservative Revolution

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Project: Human Rights
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	Leadership of Two Presidents
SOC.9-10.4.2.2.a	Analyzes how cultures and cultural groups have shaped world history (1450-present).	Being a Soldier
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Project: Human Rights
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Project: Human Rights
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Project: Human Rights
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.2.a	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Life After Reconstruction
SOC.11.1.1.2.a	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Three New Admendments
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Human Rights
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Project: Human Rights
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	Leadership of Two Presidents
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Being a Soldier
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	Project: Human Rights
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Human Rights
SOC.12.4.2.1.a	Evaluates how individuals and movements have shaped contemporary world issues.	Leadership of Two Presidents
SOC.12.5.4.1.a	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Project: Human Rights
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	Project: Human Rights
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Project: Human Rights
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	Project: Human Rights
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Project: Human Rights

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SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Being a Soldier
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Project: Human Rights
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Project: Human Rights
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Project: Human Rights
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Project: Human Rights
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Project: Human Rights
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	Project: Human Rights
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Project: Human Rights
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Life After Reconstruction
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Project: Human Rights
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Three New Admendments
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Project: Human Rights
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Project: Human Rights
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Project: Human Rights
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Project: Human Rights
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	Project: Human Rights
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	Project: Human Rights
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Project: Human Rights
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Human Rights
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Project: Human Rights
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Project: Human Rights
SOC.11.3.2.2	Analyzes cultural interactions.	Project: Human Rights

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SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Project: Human Rights
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Project: Human Rights
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Project: Human Rights
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Being a Soldier
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Project: Human Rights
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Project: Human Rights
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Project: Human Rights
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Project: Human Rights
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Project: Human Rights
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	Project: Human Rights
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	Project: Human Rights
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Project: Human Rights
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	Project: Human Rights
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Project: Human Rights
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	Project: Human Rights
SOC.12.1.2.4	Understands and evaluates how political systems in the United States operate.	Project: Human Rights
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Project: Human Rights
SOC.12.1.4.1	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	Project: Human Rights
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Project: Human Rights
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Being a Soldier
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Project: Human Rights
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	Project: Human Rights

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SOC.12.2.3.1	Evaluates the costs and benefits of governmental fiscal and monetary policies.	Project: Human Rights
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Project: Human Rights
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Human Rights
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Project: Human Rights
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	Project: Human Rights
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Project: Human Rights
SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	Project: Human Rights
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	Project: Human Rights
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Project: Human Rights
SOC.12.4.2.3	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Project: Human Rights
SOC.12.4.3.1	Analyzes the motives and interests behind an interpretation of a recent event.	Project: Human Rights
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	Project: Human Rights
SOC.12.4.4.1	Evaluates positions on a current issue based on an analysis of history.	Project: Human Rights
SOC.12.5.1.1	Analyzes the short-term and long-term implications of decisions affecting the global community.	Project: Human Rights
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	Project: Human Rights
SOC.12.5.2.2	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	Project: Human Rights
SOC.12.5.3.1	Evaluates how the discussion and the proposed alternative resolutions changed or solidified one's own position on public issues.	Project: Human Rights
SOC.12.5.4.1	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Project: Human Rights
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	Project: Human Rights
SOC.9-10.A.2.2	Compare and contrast the cultural centers throughout the world in their origins, development, and tendency toward aggressive expansion	Development of Two Cultures--Part 2
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Project: Human Rights
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Project: Human Rights
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Project: Human Rights

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SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	Project: Human Rights
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	Development of Two Cultures--Part 1
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Project: Human Rights
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Project: Human Rights
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Project: Human Rights
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Project: Human Rights
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Project: Human Rights
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Project: Human Rights
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Project: Human Rights
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Project: Human Rights
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Project: Human Rights
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Project: Human Rights
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Project: Human Rights
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Project: Human Rights
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Project: Human Rights
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Project: Human Rights
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Project: Human Rights

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SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Project: Human Rights
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Project: Human Rights
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Project: Human Rights
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Project: Human Rights
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Three New Admendments
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Project: Human Rights
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Project: Human Rights
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Project: Human Rights
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Three New Admendments
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Project: Human Rights
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Project: Human Rights
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Project: Human Rights
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Three New Admendments
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Project: Human Rights
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Project: Human Rights
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Project: Human Rights
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Project: Human Rights
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Project: Human Rights
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	Project: Human Rights

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SOC.11.B.3.3	Analyze the effect of intolerance in limiting the achievement of human dignity, liberty, justice, and equality for all its citizens	Project: Human Rights
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Project: Human Rights
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Project: Human Rights
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Project: Human Rights
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Project: Human Rights
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Three New Admendments
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Three New Admendments
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Being a Soldier
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Three New Admendments
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Life After Reconstruction
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Project: Human Rights
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Three New Admendments
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Project: Human Rights
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	Project: Human Rights
SOC.12.A.2.2	Propose and evaluate potential solutions to national and international problems	Project: Human Rights
SOC.12.A.3.1	Propose and evaluate potential solutions to national and international problems	Project: Human Rights
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	Project: Human Rights
SOC.12.A.3.5	Evaluate and take and defend positions on the scope and limits of rights and responsibilities as democratic citizens the relationships among them, and how they are secured.	Project: Human Rights
SOC.12.B.1.1	Analyze topical current regional, national, and international events	Project: Human Rights
SOC.12.B.1.2	Evaluate the role of the United States as a world power	Project: Human Rights
SOC.12.B.1.3	Analyze world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Project: Human Rights
SOC.12.B.1.4	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Project: Human Rights

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SOC.12.B.1.6	Analyze issues of technology	Project: Human Rights
SOC.12.B.2.1	Evaluate the role of the United States as a world power	Project: Human Rights
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Project: Human Rights
SOC.12.B.2.4	Analyze issues of technology	Project: Human Rights
SOC.12.B.3.3	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Project: Human Rights
SOC.12.B.3.4	Analyze world and regional human issues, such as human rights, international cooperation, NGOs and governmental bodies	Project: Human Rights
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Project: Human Rights
SOC.12.B.4.2	Evaluate the role of the United States as a world economic power	Project: Human Rights
SOC.12.B.4.3	Examine world and regional human issues, such as global economic and financial matters	Project: Human Rights
SOC.12.C.1.4	Analyze the methods and implications of participation as a citizen in a government	Project: Human Rights
SOC.12.C.3.3	Analyze the methods and implications of participation as a citizen in a government	Project: Human Rights

**Alignment Report for Economics
Washington - Social Studies - Grades 9-12**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Social Studies
Grade:	Grades: 9-10

Section	Description	Lesson Title
SOC.9-10.2.1.1.a	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Spend Your Money Wisely
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Checking Accounts
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Deregulation
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	How Does an Economy Grow?
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Spend Your Money Wisely
SOC.9-10.2.2.2.a	Analyzes how and why countries have specialized in the production of particular goods and services in the past or present.	Checking Accounts
SOC.9-10.2.2.2.a	Analyzes how and why countries have specialized in the production of particular goods and services in the past or present.	Spend Your Money Wisely
SOC.9-10.2.4.1.a	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	Deregulation
SOC.9-10.2.4.1.a	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	How Does an Economy Grow?
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Spend Your Money Wisely
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Spend Your Money Wisely
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Spend Your Money Wisely
SOC.9-10.5.4.2.a	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Credit Cards
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.2.a	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Deregulation
SOC.11.2.1.1.a	Analyzes the incentives for people's economic choices in the United States in the past or present.	Spend Your Money Wisely
SOC.11.2.2.1.a	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Checking Accounts

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SOC.11.2.2.1.a	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Deregulation
SOC.11.2.2.1.a	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	How Does an Economy Grow?
SOC.11.2.2.1.a	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Spend Your Money Wisely
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Deregulation
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	How Does an Economy Grow?
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Spend Your Money Wisely
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Spend Your Money Wisely
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	What Causes the Stock Market to Crash?
SOC.11.4.1.2.a.1	Our foundations (1776-1791).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Deregulation
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Deregulation
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.a.6	Entering a new era (1991-present).	What Causes the Stock Market to Crash?
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	What Causes the Stock Market to Crash?
SOC.11.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.3.1.a	Analyzes differing interpretations of events in U.S. history (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.4.1.a	Analyzes how an understanding of United States history can help us prevent problems today.	What Causes the Stock Market to Crash?
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	Spend Your Money Wisely
Grade:	Grade 12	
Section	Description	Lesson Title

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Washington - Social Studies - Grades 9-12

SOC.12.1.1.2.a	Evaluates relationships between key ideals and historical and current realities.	What Causes the Stock Market to Crash?
SOC.12.2.1.1.a	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Spend Your Money Wisely
SOC.12.2.3.1.a	Evaluates the costs and benefits of governmental fiscal and monetary policies.	How Does an Economy Grow?
SOC.12.2.4.1.a	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Deregulation
SOC.12.2.4.1.a	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	How Does an Economy Grow?
SOC.12.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Spend Your Money Wisely
SOC.12.5.4.1.a	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Spend Your Money Wisely
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.2.1.1	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Spend Your Money Wisely
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Checking Accounts
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Deregulation
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Economics
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	How Does an Economy Grow?
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Spend Your Money Wisely
SOC.9-10.2.2.2	Analyzes how and why countries have specialized in the production of particular goods and services in the past or present.	Checking Accounts
SOC.9-10.2.2.2	Analyzes how and why countries have specialized in the production of particular goods and services in the past or present.	Spend Your Money Wisely
SOC.9-10.2.4.1	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	How Does an Economy Grow?
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	Spend Your Money Wisely
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Spend Your Money Wisely

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SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Deregulation
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Spend Your Money Wisely
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Spend Your Money Wisely
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Spend Your Money Wisely
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Spend Your Money Wisely
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Spend Your Money Wisely
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Spend Your Money Wisely
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	Spend Your Money Wisely
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Spend Your Money Wisely
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Spend Your Money Wisely
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Spend Your Money Wisely
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Spend Your Money Wisely
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	What Causes the Stock Market to Crash?
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Spend Your Money Wisely
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Spend Your Money Wisely
SOC.11.2.2.1	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Checking Accounts
SOC.11.2.2.1	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Deregulation
SOC.11.2.2.1	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Economics
SOC.11.2.2.1	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Spend Your Money Wisely
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	Spend Your Money Wisely
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	Economics
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	Spend Your Money Wisely

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SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	How Does an Economy Grow?
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Spend Your Money Wisely
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Spend Your Money Wisely
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Spend Your Money Wisely
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Spend Your Money Wisely
SOC.11.3.2.2	Analyzes cultural interactions.	Spend Your Money Wisely
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Spend Your Money Wisely
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Spend Your Money Wisely
SOC.11.4.1.2.A	Our foundations (1776-1791).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Deregulation
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	What Causes the Stock Market to Crash?
SOC.11.4.1.2.F	Entering a new era (1991-present).	What Causes the Stock Market to Crash?
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Spend Your Money Wisely
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Spend Your Money Wisely
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	What Causes the Stock Market to Crash?
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Spend Your Money Wisely
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Spend Your Money Wisely
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Spend Your Money Wisely

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SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	What Causes the Stock Market to Crash?
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Spend Your Money Wisely
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	What Causes the Stock Market to Crash?
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	Spend Your Money Wisely
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	Spend Your Money Wisely
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Spend Your Money Wisely
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	Spend Your Money Wisely
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Spend Your Money Wisely
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	Spend Your Money Wisely
SOC.12.1.2.4	Understands and evaluates how political systems in the United States operate.	Spend Your Money Wisely
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Spend Your Money Wisely
SOC.12.1.4.1	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	Spend Your Money Wisely
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Spend Your Money Wisely
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Spend Your Money Wisely
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	Spend Your Money Wisely
SOC.12.2.3.1	Evaluates the costs and benefits of governmental fiscal and monetary policies.	How Does an Economy Grow?
SOC.12.2.3.1	Evaluates the costs and benefits of governmental fiscal and monetary policies.	Spend Your Money Wisely
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Deregulation
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	How Does an Economy Grow?
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Spend Your Money Wisely
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Spend Your Money Wisely
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Spend Your Money Wisely
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	Spend Your Money Wisely

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SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Spend Your Money Wisely
SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	Spend Your Money Wisely
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	Spend Your Money Wisely
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Spend Your Money Wisely
SOC.12.4.2.3	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Spend Your Money Wisely
SOC.12.4.3.1	Analyzes the motives and interests behind an interpretation of a recent event.	Spend Your Money Wisely
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	Spend Your Money Wisely
SOC.12.4.4.1	Evaluates positions on a current issue based on an analysis of history.	Spend Your Money Wisely
SOC.12.5.1.1	Analyzes the short-term and long-term implications of decisions affecting the global community.	Spend Your Money Wisely
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	Spend Your Money Wisely
SOC.12.5.2.2	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	Spend Your Money Wisely
SOC.12.5.3.1	Evaluates how the discussion and the proposed alternative resolutions changed or solidified one's own position on public issues.	Spend Your Money Wisely
SOC.12.5.4.1	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Spend Your Money Wisely
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	Spend Your Money Wisely
SOC.9-10.A.3.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	How Does an Economy Grow?
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Spend Your Money Wisely
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Spend Your Money Wisely
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Economics
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Monopolies
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Spend Your Money Wisely
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	Spend Your Money Wisely
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Spend Your Money Wisely
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Spend Your Money Wisely

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SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Spend Your Money Wisely
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Spend Your Money Wisely
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Spend Your Money Wisely
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Spend Your Money Wisely
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Spend Your Money Wisely
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	How Does an Economy Grow?
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Spend Your Money Wisely
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	World Financial Terms
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Spend Your Money Wisely
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Spend Your Money Wisely
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Spend Your Money Wisely
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Spend Your Money Wisely
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Spend Your Money Wisely
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Spend Your Money Wisely
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Spend Your Money Wisely
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Deregulation

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SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Spend Your Money Wisely
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Spend Your Money Wisely
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Spend Your Money Wisely
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Spend Your Money Wisely
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Spend Your Money Wisely
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Spend Your Money Wisely
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Spend Your Money Wisely
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Spend Your Money Wisely
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Spend Your Money Wisely
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	What Causes the Stock Market to Crash?
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Spend Your Money Wisely
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Spend Your Money Wisely
SOC.11.A.2.4	Describe the contributions of various religious groups to American civic principles and social reform movements and cite incidents of religious intolerance in the United States	Deregulation
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	What Causes the Stock Market to Crash?
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Deregulation
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Spend Your Money Wisely
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Spend Your Money Wisely
SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Federal Reserve System

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SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	Spend Your Money Wisely
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	What Causes the Stock Market to Crash?
SOC.11.B.3.3	Analyze the effect of intolerance in limiting the achievement of human dignity, liberty, justice, and equality for all its citizens	Spend Your Money Wisely
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Spend Your Money Wisely
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Spend Your Money Wisely
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Spend Your Money Wisely
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Spend Your Money Wisely
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Deregulation
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Spend Your Money Wisely
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Spend Your Money Wisely
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Deregulation
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Deregulation
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	Close Trading Partners
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	Deregulation
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	Spend Your Money Wisely
SOC.12.A.2.2	Propose and evaluate potential solutions to national and international problems	Spend Your Money Wisely
SOC.12.A.3.1	Propose and evaluate potential solutions to national and international problems	Spend Your Money Wisely
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	Spend Your Money Wisely

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	Evaluate and take and defend positions on the scope and limits of rights and responsibilities as democratic citizens the relationships among them, and how they are secured.	Spend Your Money Wisely
SOC.12.A.3.5		
SOC.12.A.4.1	Assess basic financial futures	Deposit and Savings
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	Savings and Loans
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	Selecting Stocks
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	Selling, Buying, and Brokers
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	The Stock Market: How It Started
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	The Stock Market: How It Works
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	Tracking Stocks in the Newspaper
SOC.12.B.1.1	Analyze topical current regional, national, and international events	Spend Your Money Wisely
SOC.12.B.1.2	Evaluate the role of the United States as a world power	Spend Your Money Wisely
SOC.12.B.1.3	Analyze world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Spend Your Money Wisely
SOC.12.B.1.4	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Spend Your Money Wisely
SOC.12.B.1.6	Analyze issues of technology	Spend Your Money Wisely
SOC.12.B.2.1	Evaluate the role of the United States as a world power	Spend Your Money Wisely
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Spend Your Money Wisely
SOC.12.B.2.4	Analyze issues of technology	Spend Your Money Wisely
SOC.12.B.3.3	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Spend Your Money Wisely
SOC.12.B.3.4	Analyze world and regional human issues, such as human rights, international cooperation, NGOs and governmental bodies	Spend Your Money Wisely
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Spend Your Money Wisely
SOC.12.B.4.2	Evaluate the role of the United States as a world economic power	Spend Your Money Wisely
SOC.12.B.4.3	Examine world and regional human issues, such as global economic and financial matters	Spend Your Money Wisely
SOC.12.C.1.4	Analyze the methods and implications of participation as a citizen in a government	Spend Your Money Wisely
SOC.12.C.3.3	Analyze the methods and implications of participation as a citizen in a government	Spend Your Money Wisely

**Alignment Report for General History 900
Washington - Social Studies - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	Rights of Citizenship
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Region: A Definition
SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Social, Economic, and Political Changes
SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	The Earth is Developed by Man (Part 2)
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Man Investigates the Earth
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Project: Great Circle
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	The Earth in Model Form-The Globe
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	The Earth in Picture Form-The Map
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	The Halves of the Earth
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Types of Maps
SOC.9-10.4.4.1.a	Analyzes how an understanding of world history can help us prevent problems today.	Essay: Political Issue
SOC.9-10.5.1.1.a	Analyzes consequences of positions on an issue or event.	Essay: Political Issue
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Essay: Political Issue
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	State Government: Other Agencies
SOC.9-10.5.2.1.a	Creates and uses research questions that are tied to an essential question to focus inquiry on an idea, issue, or event.	Essay: Political Issue
SOC.9-10.5.2.2.a	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	The Earth in Symbol Form-Graphs and Charts
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	State Government: Other Agencies
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Essay: Write a Letter
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	State Government: Other Agencies
SOC.9-10.5.4.2.a	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Essay: Write a Letter
SOC.9-10.5.4.2.a	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	The Earth in Symbol Form-Graphs and Charts
Grade:	Grade 11	
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.1.2.3	Evaluates the impact of various forms of government on people in the past or present.	Rights of Citizenship

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Washington - Social Studies - Grades 9-12**

SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Man's Responsibility to the World (Part 2)
SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Responsibility to Ourselves (Part 1)
SOC.9-10.2.1.1	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Responsibility to Ourselves (Part 1)
SOC.9-10.2.1.1	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Responsibility to Ourselves (Part 2)
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	State Government: Other Agencies
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Man's Responsibility to the World (Part 2)
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Responsibility to Ourselves (Part 1)
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	State Government: Other Agencies
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Essay: Political Issue
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Man's Responsibility to the World (Part 2)
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Responsibility to Ourselves (Part 1)
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Development of the Earth (Part 2)
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Essay: Civilizations
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Essay: Revolution or Civil War
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Independence and Political Parties
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Major Conflicts
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	The Earth is Developed by Man (Part 2)
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Historical and Political Backgrounds
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	State Government: Other Agencies
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	State Government: Other Agencies
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Social, Economic, and Political Changes
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	State Government: Other Agencies
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	The Earth is Developed by Man (Part 2)
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	State Government: Other Agencies
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	State Government: Other Agencies
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	State Government: Other Agencies
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	State Government: Other Agencies
SOC.9-10.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	The Earth in Symbol Form-Graphs and Charts
SOC.9-10.5.3.1	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Man and His Social Environment

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SOC.9-10.5.4.1	Evaluates multiple reasons or factors to develop a position paper or presentation.	Essay: Write a Letter
SOC.9-10.5.4.2	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Essay: Write a Letter
SOC.9-10.5.4.2	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	The Earth in Symbol Form-Graphs and Charts
Grade:	Grade 11	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	State Government: Other Agencies
SOC.9-10.A.2.2	Compare and contrast the cultural centers throughout the world in their origins, development, and tendency toward aggressive expansion	Political Regions
SOC.9-10.A.3.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	Report: Economic Regions
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	Essay: Research Activity
SOC.9-10.A.3.3	Understand the interconnection of mercantilism and European expansion.	Essay: Research Activity
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Essay: Research Activity
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	State Government: Other Agencies
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Essay: Research Activity
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	State Government: Other Agencies
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	Essay: Research Activity
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Essay: Revolution or Civil War
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Independence and Political Parties
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Major Conflicts
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	State Government: Other Agencies
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	State Government: Other Agencies
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	Our Changing Cities
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Development of the Earth (Part 2)

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SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Essay: Civilizations
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	State Government: Other Agencies
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	The Earth is Developed by Man (Part 2)
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	State Government: Other Agencies
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Social, Economic, and Political Changes
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	State Government: Other Agencies
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	State Government: Other Agencies
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	State Government: Other Agencies
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Development of Our National Government
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Development of the Earth (Part 2)
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Essay: Civilizations
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Essay: Research Activity
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Historical and Political Backgrounds
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	The Earth is Developed by Man (Part 2)
SOC.9-10.C.1.8	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term responses by the people under colonial rule	Essay: Research Activity
SOC.9-10.C.1.9	Describe the independence struggles of the colonized regions of the world, including the roles of leaders	Essay: Research Activity
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	State Government: Other Agencies
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Background and Changes of Our Society
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Social, Economic, and Political Changes

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SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	State Government: Other Agencies
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Development of Our National Government
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Historical and Political Backgrounds
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	State Government: Other Agencies
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	State Government: Other Agencies
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Geographic Regions
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	State Government: Other Agencies
SOC.9-10.C.3.5	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Essay: Research Activity
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Political Regions
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	State Government: Other Agencies
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Social, Economic, and Political Changes
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	State Government: Other Agencies
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	State Government: Other Agencies
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	State Government: Other Agencies
SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	Development of Our National Government
SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	Essay: Research Activity
SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	Historical and Political Backgrounds
SOC.9-10.C.4.7	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Essay: Research Activity

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SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	State Government: Other Agencies
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Development of the Earth (Part 1)
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Man Covers the Earth
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Social, Economic, and Political Changes
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	State Government: Other Agencies
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	State Government: Other Agencies
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	State Government: Other Agencies
SOC.9-10.D.1.4	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	Responsibility to Society (Part 2)
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	State Government: Other Agencies
SOC.9-10.D.2.3	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	Responsibility to Society (Part 2)
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	State Government: Other Agencies
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Citizens' Rights and Responsibilities
SOC.9-10.D.3.4	Examine the impact of participation in international political bodies	Responsibilities of Citizenship
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	State Government: Other Agencies
SOC.9-10.D.4.3	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	Responsibility to Society (Part 2)
SOC.9-10.D.4.4	Examine the impact of participation in international political bodies	Responsibilities of Citizenship
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	State Government: Other Agencies
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Political Regions

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SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Region: A Definition
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Historical and Political Backgrounds
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Region: A Definition
SOC.9-10.E.2.2	Assess the difficulties of newly emerging countries in a changing political world	Political Regions
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	Region: A Definition
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Historical and Political Backgrounds
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Region: A Definition
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Political Regions
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Region: A Definition
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Essay: Political Issue
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Historical and Political Backgrounds
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Man's Responsibility to the World (Part 1)
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Political Regions
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	State Government: Other Agencies
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	Political Regions
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Region: A Definition
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Essay: Political Issue
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Historical and Political Backgrounds
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Man's Responsibility to the World (Part 1)

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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	One-Party and Multi-Party Governments
SOC.9-10.2.2.2.a	Analyzes how and why countries have specialized in the production of particular goods and services in the past or present.	Parliamentary Governments
SOC.9-10.4.1.2.a.4	Emergence and development of new nations (1900-present).	Parliamentary Governments
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Democracy
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	The Citizen and Media
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	The Citizen and Media
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	The Citizen and Media
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	U.S. Constitution
SOC.11.1.2.2.a	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Judicial Branch
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Good and Bad of Propaganda
SOC.11.1.4.1.a	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Discrimination and the Citizen
SOC.11.1.4.1.a	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Report: U.S. Government Relationships
SOC.11.1.4.1.a	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	States' Rights and Responsibilities
SOC.11.2.2.1.a	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Parliamentary Governments
SOC.11.2.3.1.a	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	A Primitive Government Primer
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	The Citizen and Media
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	The Citizen and Media
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	The Citizen and Media
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.2.2.a	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Discrimination and the Citizen

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SOC.12.1.2.2.a	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Essay: Government and Citizens
SOC.12.1.2.2.a	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Report: U.S. Government Relationships
SOC.12.1.2.3.a	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	Executive Branch
SOC.12.1.2.3.a	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	One-Party and Multi-Party Governments
SOC.12.1.2.4.a	Understands and evaluates how political systems in the United States operate.	One-Party and Multi-Party Governments
SOC.12.1.4.1.a	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	Discrimination and the Citizen
SOC.12.1.4.1.a	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	One-Party and Multi-Party Governments
SOC.12.1.4.1.a	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	Parliamentary Governments
SOC.12.2.2.1.a	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Parliamentary Governments
SOC.12.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	The Citizen and Media
SOC.12.5.4.1.a	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	The Citizen and Media
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.1.2.3	Evaluates the impact of various forms of government on people in the past or present.	One-Party and Multi-Party Governments
SOC.9-10.2.2.2	Analyzes how and why countries have specialized in the production of particular goods and services in the past or present.	Parliamentary Governments
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	The Citizen and Media
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Essay: Your State Government
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	The Citizen and Media
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	Beginning of Democracy: Ancient Greece
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	Democracy
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	Essay: Government and Citizens
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	The Citizen and Media

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SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	The Citizen and Media
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	The Citizen and Media
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	The Citizen and Media
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	The Citizen and Media
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	The Citizen and Media
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	The Citizen and Media
SOC.9-10.5.2.1	Creates and uses research questions that are tied to an essential question to focus inquiry on an idea, issue, or event.	Essay: Your State Government
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	The Citizen and Media
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	U.S. Constitution
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	The Citizen and Media
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Judicial Branch
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Legislative Branch
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Presidential Governments
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Report: Supreme Court
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	The Citizen and Media
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Citizen and Media
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Good and Bad of Propaganda
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Discrimination and the Citizen
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Executive Branch
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Project: Government

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SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Report: U.S. Government Relationships
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	States' Rights and Responsibilities
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	The Citizen and Media
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	The Citizen and Media
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	The Citizen and Media
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	The Citizen and Media
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	The Citizen and Media
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Essay: Your State Government
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	The Citizen and Media
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	The Citizen and Media
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	The Citizen and Media
SOC.11.3.2.2	Analyzes cultural interactions.	The Citizen and Media
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	The Citizen and Media
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The Citizen and Media
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Feudalism
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Fascism
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Nazism
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Good and Bad of Propaganda
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	The Citizen and Media
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	The Citizen and Media
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	The Citizen and Media
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	The Citizen and Media
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	The Citizen and Media

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SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	The Citizen and Media
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	Essay: Your State Government
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	The Citizen and Media
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	Essay: Your State Government
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	The Citizen and Media
SOC.11.5.2.1	Evaluates and revises research questions to refine inquiry on an issue or event.	Essay: Your State Government
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Essay: Your State Government
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	The Citizen and Media
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	Essay: Your State Government
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	The Citizen and Media
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Discrimination and the Citizen
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Essay: Government and Citizens
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Report: U.S. Government Relationships
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	The Citizen and Media
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	A Primitive Government Primer
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	Executive Branch
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	One-Party and Multi-Party Governments
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	The Citizen and Media
SOC.12.1.2.4	Understands and evaluates how political systems in the United States operate.	One-Party and Multi-Party Governments
SOC.12.1.2.4	Understands and evaluates how political systems in the United States operate.	The Citizen and Media
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Citizen and Media
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Good and Bad of Propaganda
SOC.12.1.4.1	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	Report: U.S. Government Relationships

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SOC.12.1.4.1	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	States' Rights and Responsibilities
SOC.12.1.4.1	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	The Citizen and Media
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	The Citizen and Media
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	The Citizen and Media
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	The Citizen and Media
SOC.12.2.3.1	Evaluates the costs and benefits of governmental fiscal and monetary policies.	The Citizen and Media
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	The Citizen and Media
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Essay: Your State Government
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	The Citizen and Media
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	The Citizen and Media
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	The Citizen and Media
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	The Citizen and Media
SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	The Citizen and Media
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	The Citizen and Media
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Essay: Your State Government
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	The Citizen and Media
SOC.12.4.2.3	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	The Citizen and Media
SOC.12.4.3.1	Analyzes the motives and interests behind an interpretation of a recent event.	The Citizen and Media
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	The Citizen and Media
SOC.12.4.4.1	Evaluates positions on a current issue based on an analysis of history.	The Citizen and Media
SOC.12.5.1.1	Analyzes the short-term and long-term implications of decisions affecting the global community.	The Citizen and Media
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	The Citizen and Media

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SOC.12.5.2.2	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	Essay: Your State Government
SOC.12.5.2.2	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	The Citizen and Media
SOC.12.5.3.1	Evaluates how the discussion and the proposed alternative resolutions changed or solidified one's own position on public issues.	The Citizen and Media
SOC.12.5.4.1	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	The Citizen and Media
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	Feudalism
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	One-Party and Multi-Party Governments
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Citizen and Public Opinion
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	The Good and Bad of Propaganda
SOC.9-10.C.1.2	Discuss human rights violations and genocide	Nazism
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Essay: Government and Citizens
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Types of Governments
SOC.9-10.C.1.9	Describe the independence struggles of the colonized regions of the world, including the roles of leaders	Essay: Your State Government
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Good and Bad of Propaganda
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Nazism
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Essay: Government and Citizens
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Types of Governments
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	Nazism

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SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Democracy
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Essay: Government and Citizens
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	Nazism
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	Nazism
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Discrimination and the Citizen
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Report:The Citizen and His Government
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Parliamentary Governments
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Parliamentary Governments
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	Parliamentary Governments
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Parliamentary Governments
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Parliamentary Governments
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Parliamentary Governments
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Parliamentary Governments
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Parliamentary Governments
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Discrimination and the Citizen
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Discrimination and the Citizen
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Report:The Citizen and His Government
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Good and Bad of Propaganda
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Essay: Your State Government

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SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Executive Branch
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Good and Bad of Propaganda
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	Essay: Government and Citizens
SOC.11.B.3.3	Analyze the effect of intolerance in limiting the achievement of human dignity, liberty, justice, and equality for all its citizens	Essay: Your State Government
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Fascism
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Nazism
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Essay: Government and Citizens
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Fascism
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Nazism
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Types of Governments
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	The Citizen and Media
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	A Primitive Government Primer
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Discrimination and the Citizen
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Report: The Citizen and His Government
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	States' Rights and Responsibilities
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Discrimination and the Citizen
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Discrimination and the Citizen
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Can I Get Involved in Politics?
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Good and Bad of Propaganda
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Can I Get Involved in Politics?

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SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Good and Bad of Propaganda
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	Report: U.S. Government Relationships
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	States' Rights and Responsibilities
SOC.11.D.3.6	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	Discrimination and the Citizen
SOC.11.D.3.6	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	Report: U.S. Government Relationships
SOC.11.D.3.6	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	States' Rights and Responsibilities
SOC.11.D.4.3	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	Discrimination and the Citizen
SOC.11.D.4.3	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	Report: U.S. Government Relationships
SOC.11.D.4.3	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	States' Rights and Responsibilities
Grade: Grade 12		
Section	Description	Lesson Title
SOC.12.A.1.2	Explain how an understanding of international issues contributes to a person's role as a citizen	Essay: Your State Government
SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	Report: The Citizen and His Government
SOC.12.A.2.2	Propose and evaluate potential solutions to national and international problems	Can I Get Involved in Politics?
SOC.12.A.3.1	Propose and evaluate potential solutions to national and international problems	Can I Get Involved in Politics?
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	Report: The Citizen and His Government
SOC.12.A.3.3	Assess U.S. and state constitutions and treaties as they relate to civic responsibility	U.S. Constitution
SOC.12.A.3.4	Examine how an understanding of international issues contributes to a person's role as a citizen	Essay: Your State Government

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SOC.12.A.3.5	Evaluate and take and defend positions on the scope and limits of rights and responsibilities as democratic citizens the relationships among them, and how they are secured.	Discrimination and the Citizen
SOC.12.A.3.5	Evaluate and take and defend positions on the scope and limits of rights and responsibilities as democratic citizens the relationships among them, and how they are secured.	Essay: Your State Government
SOC.12.A.4.3	Examine how an understanding of international economic issues contributes to a person's role as a citizen	Essay: Your State Government
SOC.12.B.3.3	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Report:The Citizen and His Government
SOC.12.B.3.4	Analyze world and regional human issues, such as human rights, international cooperation, NGOs and governmental bodies	Can I Get Involved in Politics?
SOC.12.C.1.3	Assess the costs of political participation in selected areas of the world	Can I Get Involved in Politics?
SOC.12.C.1.4	Analyze the methods and implications of participation as a citizen in a government	Essay: Your State Government
SOC.12.C.3.2	Assess the costs of political participation in selected areas of the world	Can I Get Involved in Politics?
SOC.12.C.3.3	Analyze the methods and implications of participation as a citizen in a government	Essay: Your State Government
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	Discrimination and the Citizen

**Alignment Report for History And Geography 800
Washington - Social Studies - Grades 9-12**

State:	Washington	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propoganda and nationalism. (e.g. The Russian Revolution)	Causes of the First World War
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propoganda and nationalism. (e.g. The Russian Revolution)	Search for Peace
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Search for Peace
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Search for Peace
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Causes of the First World War
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Search for Peace
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Causes of the First World War
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	Search for Peace
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Search for Peace
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Search for Peace
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Causes of the First World War

**Alignment Report for Psychology
Washington - Social Studies - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.2.4.1.a	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	Research and Methods
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Critical Periods
SOC.9-10.4.4.1.a	Analyzes how an understanding of world history can help us prevent problems today.	Research and Methods
SOC.9-10.5.2.1.a	Creates and uses research questions that are tied to an essential question to focus inquiry on an idea, issue, or event.	Research and Methods
SOC.9-10.5.2.2.a	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Research and Methods
SOC.9-10.5.4.2.a	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Research and Methods
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Research and Methods
SOC.11.4.4.1.a	Analyzes how an understanding of United States history can help us prevent problems today.	Research and Methods
SOC.11.5.2.1.a	Evaluates and revises research questions to refine inquiry on an issue or event.	Research and Methods
SOC.11.5.2.2.a	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Research and Methods
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Research and Methods
SOC.12.4.2.3.a	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Balancing Right and Wrong (Ethics)
SOC.12.4.3.1.a	Analyzes the motives and interests behind an interpretation of a recent event.	Motivation
SOC.12.5.2.2.a	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	Research and Methods
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Research and Methods
SOC.9-10.5.2.1	Creates and uses research questions that are tied to an essential question to focus inquiry on an idea, issue, or event.	Research and Methods
SOC.9-10.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Research and Methods

**Alignment Report for Psychology
Washington - Social Studies - Grades 9-12**

Grade: Grade 11		
Section	Description	Lesson Title
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Research and Methods
SOC.11.5.2.1	Evaluates and revises research questions to refine inquiry on an issue or event.	Research and Methods
Grade: Grade 12		
Section	Description	Lesson Title
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Research and Methods
SOC.12.4.2.3	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Balancing Right and Wrong (Ethics)
SOC.12.5.2.2	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	Research and Methods
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Critical Periods
SOC.11.B.2.3	Trace the advances and retreats of organized labor (e.g., the creation of the American Federation of Labor and the Congress of Industrial Organizations)	Critical Periods
SOC.11.B.3.3	Analyze the effect of intolerance in limiting the achievement of human dignity, liberty, justice, and equality for all its citizens	Essay: What Would You Do?
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Critical Periods
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Experimental Psychology and Schools of Thought
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Experimental Psychology and Schools of Thought
Grade: Grade 12		
Section	Description	Lesson Title
SOC.12.A.1.2	Explain how an understanding of international issues contributes to a person's role as a citizen	Essay: What Would You Do?
SOC.12.A.2.2	Propose and evaluate potential solutions to national and international problems	Research and Methods
SOC.12.A.3.1	Propose and evaluate potential solutions to national and international problems	Research and Methods
SOC.12.A.3.4	Examine how an understanding of international issues contributes to a person's role as a citizen	Essay: What Would You Do?
SOC.12.A.3.5	Evaluate and take and defend positions on the scope and limits of rights and responsibilities as democratic citizens the relationships among them, and how they are secured.	Essay: What Would You Do?
SOC.12.A.4.3	Examine how an understanding of international economic issues contributes to a person's role as a citizen	Essay: What Would You Do?
SOC.12.B.1.5	Propose and evaluate potential solutions to national and international problems	Research and Methods

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SOC.12.B.2.3	Propose and evaluate potential solutions to national and international environmental problems	Research and Methods
SOC.12.B.3.2	Propose and evaluate potential solutions to national and international problems	Research and Methods
SOC.12.C.1.4	Analyze the methods and implications of participation as a citizen in a government	Essay: What Would You Do?
SOC.12.C.3.3	Analyze the methods and implications of participation as a citizen in a government	Essay: What Would You Do?

**Alignment Report for U.S. History Foundations to Present
Washington - Social Studies - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Articles of Confederation
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Constitution of the United States
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Essay: Checks and Balances
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Second Continental Congress
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	United States Government
SOC.11.1.1.2.a	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	America in the 1970s: Part 2
SOC.11.1.2.2.a	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Essay: Checks and Balances
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Establishment of New Territory
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The International Scene of the 1970's
SOC.11.1.4.1.a	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	America in the 1970s: Part 2
SOC.11.2.1.1.a	Analyzes the incentives for people's economic choices in the United States in the past or present.	The Revolution of 1800
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Relations with England
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Report: Kennedy Assassination
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Relations with England
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Report: Kennedy Assassination
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Report: Leaders in the States' Rights Debate
SOC.11.4.1.2.a.1	Our foundations (1776-1791).	United States Government
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	The Golden Twenties
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	U.S. Industry: Birth and Growth

Alignment Report for U.S. History Foundations to Present
Washington - Social Studies - Grades 9-12

SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Essay: President Kennedy
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Report: Containment Policy
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Report: World War II: Home Front
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The International Scene - 1980-2001: Part 2
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The United States: From Carter to George W. Bush
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The United States: From World War II to Vietnam
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	World War II: Theaters of Operation
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	The Golden Twenties
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	Report: Biography
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	Report: Leaders in the States' Rights Debate
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Essay: Jamestown
SOC.11.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Industrialization of the United States
SOC.11.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Report: Changes in United States Culture
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	Relations with England
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	Report: Eras and Issues
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	Report: Kennedy Assassination
SOC.11.5.2.2.a	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	U.S. Industry: Economic Expansion
SOC.11.5.4.1.a	Evaluates and interprets other points of view on an issue within a paper or presentation.	Regional Lifestyles: The South
Grade:	Grade 12	
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Articles of Confederation
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Constitution of the United States
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Essay: Checks and Balances
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Relations with England
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Report: Kennedy Assassination

Alignment Report for U.S. History Foundations to Present
Washington - Social Studies - Grades 9-12

SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Second Continental Congress
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	United States Government
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	America in the 1970s: Part 2
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Relations with England
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Report: Kennedy Assassination
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	America in the 1960s: Part 2
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Essay: Checks and Balances
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Relations with England
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Report: Kennedy Assassination
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	United States of the 1800's
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Relations with England
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Report: Kennedy Assassination
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Establishment of New Territory
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The International Scene of the 1970's
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	America in the 1970s: Part 2
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Relations with England
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Report: Kennedy Assassination
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Relations with England

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SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Report: Kennedy Assassination
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	The Revolution of 1800
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	Relations with England
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	Report: Kennedy Assassination
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	Relations with England
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	Report: Kennedy Assassination
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Relations with England
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Report: Kennedy Assassination
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Relations with England
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Report: Kennedy Assassination
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Relations with England
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Report: Kennedy Assassination
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Relations with England
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Report: Kennedy Assassination
SOC.11.3.2.2	Analyzes cultural interactions.	Relations with England
SOC.11.3.2.2	Analyzes cultural interactions.	Report: Kennedy Assassination
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Relations with England
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Report: Kennedy Assassination
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Relations with England
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Report: Kennedy Assassination
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Report: Leaders in the States' Rights Debate
SOC.11.4.1.2.A	Our foundations (1776-1791).	United States Government
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Foreign Policy: Isolationism

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SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Industrial Lifestyle: Labor Movement
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Revival of Trade and Commerce
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	The Golden Twenties
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	The Great Depression
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Essay: President Kennedy
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Korean Conflict: Cold War Becomes Hot
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Report: Containment Policy
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Report: World War II: Home Front
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Establishment of New Territory
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The International Scene - 1980-2001: Part 2
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The International Scene of the 1970's
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The United States: From Carter to George W. Bush
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The United States: From World War II to Vietnam
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Vietnam: Fighting Communism in S.E. Asia
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	World War II: Theaters of Operation
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Nationalism and the Monroe Administration
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Relations with England
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Report: Kennedy Assassination
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Report: Progressive Era
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Essay: Jamestown
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Relations with England
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Report: Kennedy Assassination
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Industrialization of the United States
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Relations with England
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Report: Changes in United States Culture
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Report: Kennedy Assassination
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Relations with England
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Report: Kennedy Assassination

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SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Relations with England
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Report: Kennedy Assassination
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Relations with England
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Report: Kennedy Assassination
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	Relations with England
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	Report: Kennedy Assassination
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	Relations with England
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	Report: Kennedy Assassination
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Relations with England
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Report: Kennedy Assassination
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	U.S. Industry: Economic Expansion
SOC.11.5.3.1	Creates and articulates possible alternative resolutions to public issues and evaluates these resolutions using criteria that have been identified in the context of a discussion.	Report: Eras and Issues
SOC.11.5.4.1	Evaluates and interprets other points of view on an issue within a paper or presentation.	Regional Lifestyles: The South
Grade:	Grade 12	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	America in the 1960s: Part 1
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Report: Changes in United States Culture
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Relations with England
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	The Golden Twenties
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Relations with England
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Report: Leaders in the States' Rights Debate

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SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Establishment of New Territory
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The International Scene of the 1970's
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Relations with England
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Establishment of New Territory
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The International Scene of the 1970's
SOC.11.A.2.3	Review U.S. and state constitutions and treaties with Indian nations and how they affect industry and America's growing role as a world power	Constitution of the United States
SOC.11.A.2.3	Review U.S. and state constitutions and treaties with Indian nations and how they affect industry and America's growing role as a world power	United States Government
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Industrial Lifestyle: Labor Movement
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Report: Leaders in the States' Rights Debate
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Report: New Deal
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	Foreign Policy: Isolationism
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	March Toward Conflict: Causes
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	Report: A Changing World
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	Report: Isolationism
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Report: Changes in United States Culture
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	U.S. Industry: Birth and Growth
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Industrial Lifestyle: Labor Movement
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Relations with England
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Relations with England
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	The New Deal
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	Industrial Lifestyle: Labor Movement
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	Report: New Deal

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SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	Relations with England
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	The New Deal
SOC.11.B.2.3	Trace the advances and retreats of organized labor (e.g., the creation of the American Federation of Labor and the Congress of Industrial Organizations)	Industrial Lifestyle: Labor Movement
SOC.11.B.2.3	Trace the advances and retreats of organized labor (e.g., the creation of the American Federation of Labor and the Congress of Industrial Organizations)	Report: Roosevelt's New Deal
SOC.11.B.2.3	Trace the advances and retreats of organized labor (e.g., the creation of the American Federation of Labor and the Congress of Industrial Organizations)	U.S. Industry: Birth and Growth
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Industrial Lifestyle: Labor Movement
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Report: New Deal
SOC.11.B.3.3	Analyze the effect of intolerance in limiting the achievement of human dignity, liberty, justice, and equality for all its citizens	Relations with England
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Relations with England
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Communist Threat: World Unrest
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Relations with England
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Report: Containment Policy
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	A Plan For Peace
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	Communist Threat: World Unrest
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	March Toward Conflict: Factions
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	Report: A Just Peace
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	The First Global Conflict
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	World War I
SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	Report: Leaders in the States' Rights Debate

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SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	Report: Seward's Proposal
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	The International Scene - 1980-2001: Part 2
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Relations with England
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	U.S. Industry: Birth and Growth
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	America in the 1970s: Part 1
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Communist Threat: World Unrest
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Essay: Vietnam War
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Korean Conflict: Cold War Becomes Hot
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The International Scene of the 1960s
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The United States: From Carter to George W. Bush
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The United States: From World War II to Vietnam

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Vietnam: Fighting Communism in S.E. Asia
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	World War II: Theaters of Operation
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Report: Containment Policy
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Report: United States Culture
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	The United States: From World War II to Vietnam
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	World War II: Causes of the War
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	World War II: Theaters of Operation
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Report: Changes in United States Culture
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Report: Containment Policy
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Report: United States Culture
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Report: Containment Policy
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Report: United States Culture
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Relations with England
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	America in the 1960s: Part 1
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Report: Changes in United States Culture
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Industrial Lifestyle: Labor Movement
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The '80s and '90s
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Establishment of New Territory

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SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The International Scene - 1980-2001: Part 1
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The International Scene of the 1970's
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The '80s and '90s
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Establishment of New Territory
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The International Scene - 1980-2001: Part 1
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The International Scene of the 1970's
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Report: Containment Policy
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Report: United States Culture
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	America in the 1960s: Part 1
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	America in the 1960s: Part 2
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	America in the 1970s: Part 2
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	America in the 1980s and 1990s: Part 1
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	America in the 1980s and 1990s: Part 2
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Essay: President Kennedy
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Report: Biography
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The United States: From Carter to George W. Bush
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The United States: From Kennedy to Ford
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	Report: Seward's Proposal

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SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Essay: Jamestown
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Relations with England
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Industrial Lifestyle: Labor Movement
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Relations with England
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Report: Changes in United States Culture
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Report: Progressive Era
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Report: Changes in United States Culture
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Report: Containment Policy
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Report: United States Culture
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Report: Changes in United States Culture
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Report: Containment Policy
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Report: United States Culture

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Social Studies
Grade:	Grades: 9-10

Section	Description	Lesson Title
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	Major Cultural Movements
SOC.9-10.2.1.1.a	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Scientific Breakthroughs
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Impact of War on Native Americans
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	The George W. Bush Presidency
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	The Home Front
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	The Economy Takes a Hit
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	The Moral Majority
SOC.9-10.4.1.2.a.4	Emergence and development of new nations (1900-present).	The Economy Takes a Hit
SOC.9-10.4.1.2.a.4	Emergence and development of new nations (1900-present).	The Moral Majority
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	President in the Spotlight: Franklin Roosevelt
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	The Economy Takes a Hit
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	The Moral Majority
SOC.9-10.4.2.2.a	Analyzes how cultures and cultural groups have shaped world history (1450-present).	Martin Luther King
SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Space, Science, and Technology
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	The George W. Bush Presidency
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Economic Struggles Abroad
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Economic Struggles Abroad
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Economic Struggles Abroad

Grade:	Grade 11
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Section	Description	Lesson Title
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Address and Proclamation
SOC.11.1.1.1.a	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Struggle for Equality
SOC.11.1.1.2.a	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Struggle for Equality

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SOC.11.1.1.2.a	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Women's Rights
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Foreign Policy Decisions
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Impact of War on Native Americans
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Cold War Grows Hotter
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The George W. Bush Presidency
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Home Front
SOC.11.2.1.1.a	Analyzes the incentives for people's economic choices in the United States in the past or present.	Impact of War on Native Americans
SOC.11.2.1.1.a	Analyzes the incentives for people's economic choices in the United States in the past or present.	Scientific Breakthroughs
SOC.11.2.1.1.a	Analyzes the incentives for people's economic choices in the United States in the past or present.	The Home Front
SOC.11.2.2.2.a	Analyzes how comparative advantage has affected United States imports and exports in the past or present.	Impact of War on Native Americans
SOC.11.2.2.2.a	Analyzes how comparative advantage has affected United States imports and exports in the past or present.	The Home Front
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Impact of War on Native Americans
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	The Home Front
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Economic Struggles Abroad
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Impact of War on Native Americans
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	The Home Front
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Economic Struggles Abroad
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Impact of War on Native Americans
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	The Home Front
SOC.11.3.2.3.a	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Impact of War on Native Americans

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SOC.11.3.2.3.a	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	The George W. Bush Presidency
SOC.11.3.2.3.a	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	The Home Front
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Impact of War on Native Americans
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The Economy Takes a Hit
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The Moral Majority
SOC.11.4.1.2.a.1	Our foundations (1776-1791).	Impact of War on Native Americans
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	A Need for Regulation
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	Impact of War on Native Americans
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	Industrial Revolution
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	The Spanish-American War
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	War in Iraq and Afghanistan
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	A Consumer Mentality is Born
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Black Thursday
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Economic Struggles Abroad
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Impact of War on Native Americans
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	President in the Spotlight: Theodore Roosevelt
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	The Need for Conservation
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	The New Deal
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	The Progressive Era
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	Women's Suffrage Movement
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	A New Threat Emerges Abroad
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	A Return to Normalcy at Home
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	A Shattering End to War
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Cold War Expands
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Cracks in the Cold War
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Distant Rumbblings in Germany
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Impact of War on Native Americans
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	President in the Spotlight: Franklin Roosevelt

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SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	President in the Spotlight: Harry Truman
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	President in the Spotlight: Ronald Reagan
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Problems Arise in the East
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The Cold War Continues
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The Cold War Escalates
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The Cold War Grows Hotter
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The European Theatre
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The Korean Conflict
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	The Pacific Theatre
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Tough Foreign Policy Issues
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Domestic Issues
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Domestic Issues Come to a Head
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Impact of War on Native Americans
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	President in the Spotlight: Theodore Roosevelt
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	The Clinton Presidency
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	The Economy Takes a Hit
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	The Need for Conservation
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	The Progressive Era
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Watergate
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Women's Suffrage Movement
SOC.11.4.1.2.a.6	Entering a new era (1991-present).	Impact of War on Native Americans
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	America Grows Larger
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	Impact of War on Native Americans
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	President in the Spotlight: Franklin Roosevelt
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	The Economy Takes a Hit
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	The Moral Majority
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	America Grows Larger
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Impact of War on Native Americans
SOC.11.4.2.2.a	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Martin Luther King
SOC.11.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Impact of War on Native Americans
SOC.11.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Space, Science, and Technology

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SOC.11.4.3.1.a	Analyzes differing interpretations of events in U.S. history (1890-present).	Impact of War on Native Americans
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	America Grows Larger
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Impact of War on Native Americans
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	The George W. Bush Presidency
SOC.11.4.4.1.a	Analyzes how an understanding of United States history can help us prevent problems today.	Impact of War on Native Americans
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	Economic Struggles Abroad
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.1.2.a	Evaluates relationships between key ideals and historical and current realities.	Impact of War on Native Americans
SOC.12.1.1.2.a	Evaluates relationships between key ideals and historical and current realities.	Struggle for Equality
SOC.12.1.2.4.a	Understands and evaluates how political systems in the United States operate.	Impact of War on Native Americans
SOC.12.1.2.4.a	Understands and evaluates how political systems in the United States operate.	The Home Front
SOC.12.1.3.1.a	Evaluates the impact of international agreements on contemporary world issues.	The George H.W. Bush Presidency
SOC.12.2.1.1.a	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	1864
SOC.12.2.1.1.a	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Martin Luther King
SOC.12.2.1.1.a	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Scientific Breakthroughs
SOC.12.2.1.1.a	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	The Home Front
SOC.12.2.2.1.a	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	1864
SOC.12.2.2.1.a	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Martin Luther King
SOC.12.2.2.1.a	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	The Home Front
SOC.12.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Economic Struggles Abroad
SOC.12.3.2.2.a	Analyzes and evaluates the social and political factors affecting cultural interactions.	Women's Rights
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Impact of War on Native Americans

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SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	The Home Front
SOC.12.3.3.1.a	Analyzes how the geography of globalization affects local diversity.	Contemporary Issues
SOC.12.4.2.1.a	Evaluates how individuals and movements have shaped contemporary world issues.	President in the Spotlight: Franklin Roosevelt
SOC.12.4.2.1.a	Evaluates how individuals and movements have shaped contemporary world issues.	The Economy Takes a Hit
SOC.12.4.2.1.a	Evaluates how individuals and movements have shaped contemporary world issues.	The Moral Majority
SOC.12.4.2.2.a	Analyzes how cultural identity can promote unity and division.	1864
SOC.12.4.2.3.a	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Space, Science, and Technology
SOC.12.4.3.2.a	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	The George W. Bush Presidency
SOC.12.5.1.1.a	Analyzes the short-term and long-term implications of decisions affecting the global community.	The George W. Bush Presidency
SOC.12.5.4.1.a	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Economic Struggles Abroad
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.2.1.1	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Scientific Breakthroughs
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Contemporary Issues
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	Economic Struggles Abroad
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Impact of War on Native Americans
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	The George W. Bush Presidency
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	The Home Front
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	The Economy Takes a Hit
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	The Moral Majority
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Economic Struggles Abroad
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Contemporary Issues
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	A New Threat Emerges Abroad
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	1864
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Economic Struggles Abroad
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Martin Luther King

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SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	President in the Spotlight: Theodore Roosevelt
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	The Home Front
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	The Need for Conservation
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Women's Suffrage Movement
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Economic Struggles Abroad
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Martin Luther King
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Economic Struggles Abroad
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Space, Science, and Technology
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Economic Struggles Abroad
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	The George W. Bush Presidency
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Economic Struggles Abroad
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Economic Struggles Abroad
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	Economic Struggles Abroad
SOC.9-10.5.4.1	Evaluates multiple reasons or factors to develop a position paper or presentation.	The George W. Bush Presidency
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Address and Proclamation
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Economic Struggles Abroad
SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Struggle for Equality
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Economic Struggles Abroad
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Struggle for Equality
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Economic Struggles Abroad
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Political Turmoil
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Economic Struggles Abroad

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SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Foreign Policy Decisions
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Impact of War on Native Americans
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Cold War Grows Hotter
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The George W. Bush Presidency
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Economic Struggles Abroad
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Economic Struggles Abroad
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Impact of War on Native Americans
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Scientific Breakthroughs
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	The Home Front
SOC.11.2.2.1	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Martin Luther King
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	Economic Struggles Abroad
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	Impact of War on Native Americans
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	The Home Front
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	Economic Struggles Abroad
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Economic Struggles Abroad
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Impact of War on Native Americans
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	The Home Front
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Economic Struggles Abroad
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Economic Struggles Abroad
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Impact of War on Native Americans

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SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	The Home Front
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Economic Struggles Abroad
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Impact of War on Native Americans
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	The Home Front
SOC.11.3.2.2	Analyzes cultural interactions.	Economic Struggles Abroad
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Economic Struggles Abroad
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Impact of War on Native Americans
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	The George W. Bush Presidency
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	The Home Front
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Economic Struggles Abroad
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Impact of War on Native Americans
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The Economy Takes a Hit
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The Home Front
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The Moral Majority
SOC.11.4.1.2.A	Our foundations (1776-1791).	America Grows Larger
SOC.11.4.1.2.A	Our foundations (1776-1791).	Impact of War on Native Americans
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	A Need for Regulation
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Immigration Challenges
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Impact of War on Native Americans
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Industrial Revolution
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	The Spanish-American War
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	War in Iraq and Afghanistan
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	A Consumer Mentality is Born
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	America Grows Larger

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SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Black Thursday
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Economic Struggles Abroad
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Impact of War on Native Americans
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	New Expansionist Policy
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	President in the Spotlight: Theodore Roosevelt
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	The Need for Conservation
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	The New Deal
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	The Progressive Era
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Women's Suffrage Movement
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	A New Threat Emerges Abroad
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	A Return to Normalcy at Home
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	A Shattering End to War
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	America Grows Larger
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Cold War Expands
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Cracks in the Cold War
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Distant Rumbblings in Germany
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Foreign Policy Decisions
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Impact of War on Native Americans
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	President in the Spotlight: Franklin Roosevelt
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	President in the Spotlight: Harry Truman
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	President in the Spotlight: Ronald Reagan
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Problems Arise in the East
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Cold War Continues
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Cold War Escalates
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Cold War Grows Hotter
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Eisenhower Presidency
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The European Theatre
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Korean Conflict
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Pacific Theatre
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Tough Foreign Policy Issues
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	America Grows Larger

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SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Domestic Issues
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Domestic Issues Come to a Head
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Impact of War on Native Americans
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	The Clinton Presidency
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	The Economy Takes a Hit
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Watergate
SOC.11.4.1.2.F	Entering a new era (1991-present).	America Grows Larger
SOC.11.4.1.2.F	Entering a new era (1991-present).	Impact of War on Native Americans
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	1864
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	America Grows Larger
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Economic Struggles Abroad
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Impact of War on Native Americans
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Martin Luther King
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	The Home Front
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	America Grows Larger
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Economic Struggles Abroad
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Impact of War on Native Americans
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Martin Luther King
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	America Grows Larger
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Economic Struggles Abroad
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Impact of War on Native Americans
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Space, Science, and Technology
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	America Grows Larger
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Economic Struggles Abroad
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Impact of War on Native Americans
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	America Grows Larger
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Economic Struggles Abroad
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Impact of War on Native Americans

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SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	The George W. Bush Presidency
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	America Grows Larger
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Economic Struggles Abroad
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Impact of War on Native Americans
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	Economic Struggles Abroad
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	Economic Struggles Abroad
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Economic Struggles Abroad
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	Economic Struggles Abroad
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	Struggle for Equality
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Economic Struggles Abroad
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	Economic Struggles Abroad
SOC.12.1.2.4	Understands and evaluates how political systems in the United States operate.	Economic Struggles Abroad
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	A New Threat Emerges Abroad
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Economic Struggles Abroad
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Foreign Policy Decisions
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Cold War Grows Hotter
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The George H.W. Bush Presidency
SOC.12.1.4.1	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	Economic Struggles Abroad
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	1864
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Contemporary Issues
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Economic Struggles Abroad
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Martin Luther King

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SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Scientific Breakthroughs
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	The Home Front
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Economic Struggles Abroad
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Martin Luther King
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	Contemporary Issues
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	Economic Struggles Abroad
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	The George W. Bush Presidency
SOC.12.2.3.1	Evaluates the costs and benefits of governmental fiscal and monetary policies.	Economic Struggles Abroad
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	1864
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Economic Struggles Abroad
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Martin Luther King
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	The George W. Bush Presidency
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	The Home Front
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Economic Struggles Abroad
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Economic Struggles Abroad
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	The George W. Bush Presidency
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	Economic Struggles Abroad
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	The Economy Takes a Hit
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	The George W. Bush Presidency
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	The Moral Majority
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Economic Struggles Abroad
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Impact of War on Native Americans
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	The Home Front
SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	Contemporary Issues

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SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	Economic Struggles Abroad
SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	The George W. Bush Presidency
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	1864
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	Economic Struggles Abroad
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	Martin Luther King
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	The Home Front
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Economic Struggles Abroad
SOC.12.4.2.3	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Economic Struggles Abroad
SOC.12.4.2.3	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Space, Science, and Technology
SOC.12.4.3.1	Analyzes the motives and interests behind an interpretation of a recent event.	Economic Struggles Abroad
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	Economic Struggles Abroad
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	The George W. Bush Presidency
SOC.12.4.4.1	Evaluates positions on a current issue based on an analysis of history.	Economic Struggles Abroad
SOC.12.5.1.1	Analyzes the short-term and long-term implications of decisions affecting the global community.	Economic Struggles Abroad
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	Economic Struggles Abroad
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	The George W. Bush Presidency
SOC.12.5.2.2	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	Economic Struggles Abroad
SOC.12.5.3.1	Evaluates how the discussion and the proposed alternative resolutions changed or solidified one's own position on public issues.	Economic Struggles Abroad
SOC.12.5.4.1	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Economic Struggles Abroad
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	Economic Struggles Abroad
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Economic Struggles Abroad
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	The George W. Bush Presidency
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	The George W. Bush Presidency

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SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Economic Struggles Abroad
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	The George W. Bush Presidency
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	The George W. Bush Presidency
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	The Economy Takes a Hit
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	The Moral Majority
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Economic Struggles Abroad
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Sweeping Social Changes
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	Economic Struggles Abroad
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Space, Science, and Technology
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	The Economy Takes a Hit
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	The George W. Bush Presidency
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	The Moral Majority
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	Immigration Challenges
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	The George W. Bush Presidency
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Economic Struggles Abroad
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Industrial Revolution
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Economic Struggles Abroad
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	The Clinton Presidency
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	The Economy Takes a Hit

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SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Watergate
SOC.9-10.C.1.2	Discuss human rights violations and genocide	Unspeakable Acts Shake the World
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	The George W. Bush Presidency
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Distant Rumbblings in Germany
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Early Attempt at World Peace
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Economic Struggles Abroad
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	The George W. Bush Presidency
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Economic Struggles Abroad
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Economic Struggles Abroad
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Distant Rumbblings in Germany
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Economic Struggles Abroad
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	A New Threat Emerges Abroad
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	A Shattering End to War
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Economic Struggles Abroad
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Foreign Policy Decisions

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SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Kennedy's Fulfilled Promise
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Martin Luther King
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	President in the Spotlight: Franklin Roosevelt
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	President in the Spotlight: Harry Truman
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	President in the Spotlight: John Kennedy
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Scientific Breakthroughs
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Cold War Grows Hotter
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Economic Struggles Abroad
SOC.9-10.C.3.2	Understand the nature of war and the consequences for the environment.	1864
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Distant Rumbings in Germany
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Early Attempt at World Peace
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Economic Struggles Abroad
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Economic Struggles Abroad
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	A Shattering End to War

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SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Economic Struggles Abroad
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	President in the Spotlight: Franklin Roosevelt
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	The European Theatre
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	The Pacific Theatre
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	America Enters the Conflict
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	New War, Old Strategies
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	Unsettling Events in Europe
SOC.9-10.C.4.2	Understand the nature of war and its economic costs on all sides of the conflict	1864
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Distant Rumbblings in Germany
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Early Attempt at World Peace
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Economic Struggles Abroad
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	The George W. Bush Presidency
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Economic Struggles Abroad
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Economic Struggles Abroad
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Distant Rumbblings in Germany

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SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Economic Struggles Abroad
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	A Return to Normalcy at Home
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Cold War Expands
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Cracks in the Cold War
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Economic Struggles Abroad
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	President in the Spotlight: Harry Truman
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Problems Arise in the East
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	The Cold War Continues
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	The Cold War Escalates
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	The Cold War Grows Hotter
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Tough Foreign Policy Issues
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Women's Rights
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	The George W. Bush Presidency
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	Unspeakable Acts Shake the World
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Economic Struggles Abroad

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SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Mosaic of the 1980's
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	The George W. Bush Presidency
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Economic Struggles Abroad
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	The George W. Bush Presidency
SOC.9-10.D.1.4	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	A Need for Regulation
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Martin Luther King
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Struggle for Equality
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	The Johnson Years
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	The George W. Bush Presidency
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	Unspeakable Acts Shake the World
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Economic Struggles Abroad
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Mosaic of the 1980's
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	The George W. Bush Presidency
SOC.9-10.D.2.3	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	A Need for Regulation
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	The Economy Takes a Hit
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	The George W. Bush Presidency
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	The Moral Majority
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Economic Struggles Abroad
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	The George W. Bush Presidency
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Martin Luther King
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Struggle for Equality
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	The Johnson Years
SOC.9-10.D.3.4	Examine the impact of participation in international political bodies	The George W. Bush Presidency
SOC.9-10.D.4.1	Understand the economic causes and consequences of the reoccurrence of genocide in history	The George W. Bush Presidency
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Economic Struggles Abroad

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SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Mosaic of the 1980's
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	The George W. Bush Presidency
SOC.9-10.D.4.3	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	A Need for Regulation
SOC.9-10.D.4.4	Examine the impact of participation in international political bodies	The George W. Bush Presidency
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Economic Struggles Abroad
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	The Economy Takes a Hit
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	The Moral Majority
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	1864
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Contemporary Issues
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Martin Luther King
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	The Home Front
SOC.9-10.E.2.2	Assess the difficulties of newly emerging countries in a changing political world	The Economy Takes a Hit
SOC.9-10.E.2.2	Assess the difficulties of newly emerging countries in a changing political world	The Moral Majority
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	The Economy Takes a Hit
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	The Moral Majority
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	1864
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Contemporary Issues
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Martin Luther King
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	The Home Front
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	The Economy Takes a Hit
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	The Moral Majority

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SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	1864
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Contemporary Issues
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Martin Luther King
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	The Home Front
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Economic Struggles Abroad
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	The Economy Takes a Hit
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	The Moral Majority
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	1864
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Martin Luther King
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	The Home Front
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.1.1	Explain the economic advantages that allowed the U.S. to emerge as a world power	War in Iraq and Afghanistan
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Martin Luther King
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	Struggle for Equality
SOC.11.A.1.2	Examine reasons that African American pride and activism replaced assimilation and accommodation of an earlier age	The Johnson Years
SOC.11.A.1.3	Describe the purpose and the effects of the Open Door Policy	New Expansionist Policy
SOC.11.A.1.3	Describe the purpose and the effects of the Open Door Policy	The George W. Bush Presidency
SOC.11.A.1.4	Explain the causes and impacts of the women's suffrage movement	Issues of Class, Gender, and Religion
SOC.11.A.1.4	Explain the causes and impacts of the women's suffrage movement	The George W. Bush Presidency
SOC.11.A.1.4	Explain the causes and impacts of the women's suffrage movement	Women's Suffrage Movement

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SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Economic Struggles Abroad
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Impact of War on Native Americans
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Martin Luther King
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Social and Political Issues
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Economic Struggles Abroad
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Foreign Policy Decisions
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Cold War Grows Hotter
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Economy Takes a Hit
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Moral Majority
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	War in Iraq and Afghanistan
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Economic Struggles Abroad
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Foreign Policy Decisions
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Clinton Presidency
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Cold War Grows Hotter
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Economy Takes a Hit
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Watergate
SOC.11.A.2.3	Review U.S. and state constitutions and treaties with Indian nations and how they affect industry and America's growing role as a world power	War in Iraq and Afghanistan
SOC.11.A.2.4	Describe the contributions of various religious groups to American civic principles and social reform movements and cite incidents of religious intolerance in the United States	Impact of War on Native Americans

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SOC.11.A.2.4	Describe the contributions of various religious groups to American civic principles and social reform movements and cite incidents of religious intolerance in the United States	President in the Spotlight: Theodore Roosevelt
SOC.11.A.2.4	Describe the contributions of various religious groups to American civic principles and social reform movements and cite incidents of religious intolerance in the United States	The Home Front
SOC.11.A.2.4	Describe the contributions of various religious groups to American civic principles and social reform movements and cite incidents of religious intolerance in the United States	The Need for Conservation
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	America Enters World Stage
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	The Economy Takes a Hit
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	The George W. Bush Presidency
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	The Moral Majority
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	The Progressive Era
SOC.11.A.3.1	Chart the changing demographics in the United States as a result of industrialization	A Need for Regulation
SOC.11.A.3.2	Explain how natural resources were harvested and/or depleted during the rise of industrialism	A Need for Regulation
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	Impact of War on Native Americans
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	The Spanish-American War
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Changing American Characteristics
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	The George W. Bush Presidency
SOC.11.A.3.5	Describe how the Allotment Act affected tribes and the geography of their reservations	Impact of War on Native Americans
SOC.11.A.3.5	Describe how the Allotment Act affected tribes and the geography of their reservations	The George W. Bush Presidency
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	A Need for Regulation
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Economic Struggles Abroad
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Industrial Revolution
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	The George W. Bush Presidency
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	War in Iraq and Afghanistan
SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	Impact of War on Native Americans

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SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	The George W. Bush Presidency
SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	The Home Front
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	A Consumer Mentality is Born
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Black Thursday
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Economic Struggles Abroad
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Impact of War on Native Americans
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	New Deal's Influence on America
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	The Home Front
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	The New Deal
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Women's Rights
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	America Enters World Stage
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	New Expansionist Policy
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	The George W. Bush Presidency
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	The Progressive Era
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	Impact of War on Native Americans
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	Major Cultural Movements
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	The George W. Bush Presidency
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	The Home Front
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	Women's Rights
SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Changing American Characteristics
SOC.11.B.2.1	Describe the monetary issues of the late nineteenth and early twentieth centuries that gave rise to the establishment of the Federal Reserve and the weaknesses in key sectors of the economy in the late 1920s	Educational and Religious Change

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SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	A Consumer Mentality is Born
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	Economic Struggles Abroad
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	America Enters World Stage
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	The George W. Bush Presidency
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	The Progressive Era
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Changing American Characteristics
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Educational and Religious Change
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Sweeping Social Changes
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	The George W. Bush Presidency
SOC.11.B.3.3	Analyze the effect of intolerance in limiting the achievement of human dignity, liberty, justice, and equality for all its citizens	Economic Struggles Abroad
SOC.11.B.4.1	Examine the consequences of migration from rural to urban areas	Impact of War on Native Americans
SOC.11.B.4.1	Examine the consequences of migration from rural to urban areas	The George W. Bush Presidency
SOC.11.B.4.1	Examine the consequences of migration from rural to urban areas	The Home Front
SOC.11.B.4.2	Explain the geographic causes and consequences of the Dust Bowl	The George W. Bush Presidency
SOC.11.B.4.3	Explain the effects of large-scale public works projects on the environment	The George W. Bush Presidency
SOC.11.C.1.1	Analyze the causes and consequences of World War II	A Shattering End to War
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Economic Struggles Abroad
SOC.11.C.1.1	Analyze the causes and consequences of World War II	President in the Spotlight: Franklin Roosevelt
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Economic Struggles Abroad
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Middle East Upheavals
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	Middle East Upheavals
SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	The Economy Takes a Hit
SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	The George W. Bush Presidency
SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	The Moral Majority
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	Cold War's End

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SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	Impact of War on Native Americans
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	The George W. Bush Presidency
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	The Home Front
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Economic Struggles Abroad
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	A New Threat Emerges Abroad
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	A Return to Normalcy at Home
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	A Shattering End to War
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	America Enters Vietnam
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Cold War Expands
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Conflict in Vietnam Heats Up
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Cracks in the Cold War

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	President in the Spotlight: Harry Truman
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Problems Arise in the East
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Social Chaos
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Cold War Continues
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Cold War Escalates
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Cold War Grows Hotter
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Eisenhower Presidency
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The First Television Conflict
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Johnson Years

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Korean Conflict
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Tough Foreign Policy Issues
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Triumph and Tragedy
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	A Shattering End to War
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	President in the Spotlight: Franklin Roosevelt
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	A Shattering End to War
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Kennedy's Fulfilled Promise
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Martin Luther King
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Middle East Upheavals
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	President in the Spotlight: Franklin Roosevelt
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	President in the Spotlight: Harry Truman
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	President in the Spotlight: John Kennedy
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Scientific Breakthroughs
SOC.11.C.4.1	Evaluate the global impact of the growing power of multinational and supranational corporations on global economy and interdependence	The George W. Bush Presidency
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Kennedy's Fulfilled Promise
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Martin Luther King

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SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Post World War II America
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Prelude to the 60s
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	President in the Spotlight: Harry Truman
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	President in the Spotlight: John Kennedy
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Scientific Breakthroughs
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Space, Science, and Technology
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	The George W. Bush Presidency
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Women's Rights
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Kennedy's Fulfilled Promise
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Martin Luther King
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Post World War II America
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Prelude to the 60s
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	President in the Spotlight: Harry Truman
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	President in the Spotlight: John Kennedy
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Scientific Breakthroughs
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Changing American Characteristics
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Impact of War on Native Americans
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	The George W. Bush Presidency
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	The Home Front
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Women's Rights
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Economic Struggles Abroad
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Martin Luther King
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Struggle for Equality
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	The Johnson Years
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Civil Rights Movement Expands

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SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Impact of War on Native Americans
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Martin Luther King
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Struggle for Equality
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	The Civil Rights Movement
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	The George W. Bush Presidency
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	The Home Front
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	The Johnson Years
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	The Warren Court
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Women's Rights
SOC.11.D.1.7	Discuss the changing roles of women in society as reflected in the entry of more women into the labor force and the changing family structure	The Home Front
SOC.11.D.1.7	Discuss the changing roles of women in society as reflected in the entry of more women into the labor force and the changing family structure	Women's Rights
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Impact of War on Native Americans
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	President in the Spotlight: Theodore Roosevelt
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	The George W. Bush Presidency
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	The Home Front
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	The Need for Conservation
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Women's Rights
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	The George W. Bush Presidency

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SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Contemporary Issues
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Foreign Policy Decisions
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Immigration Issues
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Impeachment
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Cold War Grows Hotter
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Political Climate Changes
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Contemporary Issues
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Foreign Policy Decisions
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Impeachment
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Cold War Grows Hotter
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Political Climate Changes
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Post World War II America
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Prelude to the 60s
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	The George W. Bush Presidency
SOC.11.D.3.1	Discuss the reasons for the nation's changing immigration policy, with emphasis on how the Immigration Act of 1965 and successor acts have transformed American society	Contemporary Issues
SOC.11.D.3.1	Discuss the reasons for the nation's changing immigration policy, with emphasis on how the Immigration Act of 1965 and successor acts have transformed American society	Immigration Issues
SOC.11.D.3.1	Discuss the reasons for the nation's changing immigration policy, with emphasis on how the Immigration Act of 1965 and successor acts have transformed American society	Women's Rights
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Cold War Expands
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Cracks in the Cold War

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SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Domestic Issues
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Domestic Issues Come to a Head
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Domestic Policies
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Foreign Policies
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Foreign Policy Decisions
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Impeachment
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Middle East Upheavals
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Political Turmoil
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	President in the Spotlight: Harry Truman
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	President in the Spotlight: John Kennedy
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	President in the Spotlight: Ronald Reagan
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Reagan Domestic Policies
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Scandal Sweeps the Whitehouse
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Clinton Presidency
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Economy Takes a Hit
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Moral Majority
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Watergate

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SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	The Clinton Presidency
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	The Economy Takes a Hit
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	Watergate
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Impact of War on Native Americans
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Martin Luther King
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	Struggle for Equality
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	The Home Front
SOC.11.D.3.4	Explain how demands of African Americans helped produce a stimulus for civil rights for various cultural, ethnic, social, and religious groups in our country	The Johnson Years
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Economic Struggles Abroad
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Martin Luther King
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Struggle for Equality
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	The Johnson Years
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Economic Struggles Abroad
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Women's Movement Gains Steam
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Women's Rights
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	A Need for Regulation

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SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Kennedy's Fulfilled Promise
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Martin Luther King
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Post World War II America
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Prelude to the 60s
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	President in the Spotlight: Harry Truman
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	President in the Spotlight: John Kennedy
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Scientific Breakthroughs
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Social Chaos
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Space, Science, and Technology
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	The First Television Conflict
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	A Need for Regulation
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Kennedy's Fulfilled Promise
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Martin Luther King

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SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Post World War II America
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Prelude to the 60s
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	President in the Spotlight: Harry Truman
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	President in the Spotlight: John Kennedy
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Scientific Breakthroughs
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Social Chaos
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Space, Science, and Technology
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	The First Television Conflict
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	A Need for Regulation
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	Impact of War on Native Americans
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	Social Chaos
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	The First Television Conflict
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	The George H.W. Bush Presidency
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	The Home Front
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.A.1.1	Explain the provision of social and physical infrastructure in a modern society	Education in 19th Century America
SOC.12.A.1.1	Explain the provision of social and physical infrastructure in a modern society	Women's Rights
SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	1864
SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	Economic Struggles Abroad

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SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	Martin Luther King
SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	The Home Front
SOC.12.A.2.1	Explain the provision of social and physical infrastructure in a modern society	Education in 19th Century America
SOC.12.A.2.1	Explain the provision of social and physical infrastructure in a modern society	Women's Rights
SOC.12.A.2.2	Propose and evaluate potential solutions to national and international problems	Economic Struggles Abroad
SOC.12.A.2.2	Propose and evaluate potential solutions to national and international problems	Impeachment
SOC.12.A.3.1	Propose and evaluate potential solutions to national and international problems	Economic Struggles Abroad
SOC.12.A.3.1	Propose and evaluate potential solutions to national and international problems	Impeachment
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	1864
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	Economic Struggles Abroad
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	Martin Luther King
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	The Home Front
SOC.12.A.3.5	Evaluate and take and defend positions on the scope and limits of rights and responsibilities as democratic citizens the relationships among them, and how they are secured.	Economic Struggles Abroad
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	Women's Rights
SOC.12.B.1.1	Analyze topical current regional, national, and international events	Economic Struggles Abroad
SOC.12.B.1.2	Evaluate the role of the United States as a world power	Economic Struggles Abroad
SOC.12.B.1.2	Evaluate the role of the United States as a world power	War in Iraq and Afghanistan
SOC.12.B.1.3	Analyze world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Economic Struggles Abroad
SOC.12.B.1.4	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Economic Struggles Abroad
SOC.12.B.1.6	Analyze issues of technology	Economic Struggles Abroad
SOC.12.B.1.6	Analyze issues of technology	Space, Science, and Technology
SOC.12.B.2.1	Evaluate the role of the United States as a world power	Economic Struggles Abroad
SOC.12.B.2.1	Evaluate the role of the United States as a world power	War in Iraq and Afghanistan
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Economic Struggles Abroad
SOC.12.B.2.4	Analyze issues of technology	Economic Struggles Abroad
SOC.12.B.3.3	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Economic Struggles Abroad
SOC.12.B.3.4	Analyze world and regional human issues, such as human rights, international cooperation, NGOs and governmental bodies	1864
SOC.12.B.3.4	Analyze world and regional human issues, such as human rights, international cooperation, NGOs and governmental bodies	Economic Struggles Abroad

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SOC.12.B.3.4	Analyze world and regional human issues, such as human rights, international cooperation, NGOs and governmental bodies	Impeachment
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Economic Struggles Abroad
SOC.12.B.4.2	Evaluate the role of the United States as a world economic power	Economic Struggles Abroad
SOC.12.B.4.2	Evaluate the role of the United States as a world economic power	War in Iraq and Afghanistan
SOC.12.B.4.3	Examine world and regional human issues, such as global economic and financial matters	Economic Struggles Abroad
SOC.12.C.1.1	Describe the impact individuals have had on world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	1864
SOC.12.C.1.1	Describe the impact individuals have had on world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Martin Luther King
SOC.12.C.1.1	Describe the impact individuals have had on world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	The George W. Bush Presidency
SOC.12.C.1.1	Describe the impact individuals have had on world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	The Home Front
SOC.12.C.1.2	Assess the impact of international issues on individuals	1864
SOC.12.C.1.2	Assess the impact of international issues on individuals	Martin Luther King
SOC.12.C.1.2	Assess the impact of international issues on individuals	The George W. Bush Presidency
SOC.12.C.1.2	Assess the impact of international issues on individuals	The Home Front
SOC.12.C.1.3	Assess the costs of political participation in selected areas of the world	Impeachment
SOC.12.C.1.4	Analyze the methods and implications of participation as a citizen in a government	Economic Struggles Abroad
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	1864
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Martin Luther King
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	The George W. Bush Presidency
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	The Home Front
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	1864
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Martin Luther King
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	The George W. Bush Presidency
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	The Home Front
SOC.12.C.3.1	Recognize the role of the individual in international organizations	1864

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SOC.12.C.3.1	Recognize the role of the individual in international organizations	Martin Luther King
SOC.12.C.3.1	Recognize the role of the individual in international organizations	The Home Front
SOC.12.C.3.2	Assess the costs of political participation in selected areas of the world	Impeachment
SOC.12.C.3.3	Analyze the methods and implications of participation as a citizen in a government	Economic Struggles Abroad
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	1864
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	Martin Luther King
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	The George W. Bush Presidency
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	The Home Front
SOC.12.C.3.5	Assess the impact of international political issues on individuals	1864
SOC.12.C.3.5	Assess the impact of international political issues on individuals	Martin Luther King
SOC.12.C.3.5	Assess the impact of international political issues on individuals	The Economy Takes a Hit
SOC.12.C.3.5	Assess the impact of international political issues on individuals	The George W. Bush Presidency
SOC.12.C.3.5	Assess the impact of international political issues on individuals	The Home Front
SOC.12.C.3.5	Assess the impact of international political issues on individuals	The Moral Majority
SOC.12.C.4.1	Describe the impact individuals have had on world and regional human issues, such as global economic and financial matters	1864
SOC.12.C.4.1	Describe the impact individuals have had on world and regional human issues, such as global economic and financial matters	Martin Luther King
SOC.12.C.4.1	Describe the impact individuals have had on world and regional human issues, such as global economic and financial matters	The George W. Bush Presidency
SOC.12.C.4.1	Describe the impact individuals have had on world and regional human issues, such as global economic and financial matters	The Home Front
SOC.12.C.4.2	Assess the impact of international economic issues on individuals	1864
SOC.12.C.4.2	Assess the impact of international economic issues on individuals	Martin Luther King
SOC.12.C.4.2	Assess the impact of international economic issues on individuals	The George W. Bush Presidency
SOC.12.C.4.2	Assess the impact of international economic issues on individuals	The Home Front

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State:	Washington
Standard:	Grade Level Expectations
Subject:	Social Studies
Grade:	Grades: 9-10

Section	Description	Lesson Title
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Early History
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Vietcong Tunnels
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	French Indochina
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Vietnam Syndrome
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	The French Indochina War
SOC.9-10.4.1.2.a.3	International conflicts (1870-present).	Vietnam
SOC.9-10.4.1.2.a.4	Emergence and development of new nations (1900-present).	The French Indochina War
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Vietnam
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	The French Indochina War
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	French Indochina
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Vietnam
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Vietnam Syndrome

Grade:	Grade 11
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Section	Description	Lesson Title
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Essay: The Vietnam Era
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	French Indochina
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Air War
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Antiwar Movement
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Ground War
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Gulf of Tonkin Resolution
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Invasion of Cambodia

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SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Paris Peace Accords
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Vietnam Syndrome
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Vietcong Tunnels
SOC.11.3.2.3.a	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	French Indochina
SOC.11.3.2.3.a	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Vietnam Syndrome
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The French Indochina War
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Secret Diplomacy
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Lyndon B. Johnson
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	The Antiwar Movement
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	The Invasion of Cambodia
SOC.11.4.1.2.a.5	Movements and domestic Issues (1945-1991).	Vietnamization
SOC.11.4.2.1.a	Evaluates how individuals and movements have shaped the United States (1890-present).	The French Indochina War
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	French Indochina
SOC.11.4.3.2.a	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Vietnam Syndrome
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Vietcong Tunnels
SOC.12.4.2.1.a	Evaluates how individuals and movements have shaped contemporary world issues.	The French Indochina War
SOC.12.4.2.2.a	Analyzes how cultural identity can promote unity and division.	Vietnam
SOC.12.4.3.2.a	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	French Indochina
SOC.12.4.3.2.a	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	Vietnam Syndrome
SOC.12.5.1.1.a	Analyzes the short-term and long-term implications of decisions affecting the global community.	French Indochina
SOC.12.5.1.1.a	Analyzes the short-term and long-term implications of decisions affecting the global community.	Vietnam Syndrome
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title

Alignment Report for Vietnam Era
Washington - Social Studies - Grades 9-12

SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Vietnam
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	French Indochina
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Vietnam Syndrome
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	The French Indochina War
SOC.9-10.4.1.2.C	International conflicts (1870-present).	Vietnam
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	French Indochina
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Vietnam
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Vietnam Syndrome
SOC.9-10.5.3.1	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Vietcong Tunnels
SOC.9-10.5.4.1	Evaluates multiple reasons or factors to develop a position paper or presentation.	French Indochina
SOC.9-10.5.4.1	Evaluates multiple reasons or factors to develop a position paper or presentation.	Vietnam Syndrome
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Lyndon B. Johnson
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Project: The Eisenhower, Kennedy, and Johnson Administrations
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	The Air War
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	The Gulf of Tonkin Incident
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	The Gulf of Tonkin Resolution
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Essay: The Vietnam Era
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	French Indochina
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Air War
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Antiwar Movement

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SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Ground War
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Gulf of Tonkin Resolution
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Invasion of Cambodia
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	The Paris Peace Accords
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Vietnam Syndrome
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Nixon and Watergate
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Vietcong Tunnels
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	French Indochina
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Vietnam Syndrome
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	The French Indochina War
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Essay: The Vietnam Era
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Secret Diplomacy
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Air War
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Antiwar Movement
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Ground War
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Gulf of Tonkin Resolution
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Invasion of Cambodia
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Paris Peace Accords
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Vietnam Syndrome
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Lyndon B. Johnson
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	The Antiwar Movement
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	The Invasion of Cambodia
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Vietnamization

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SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	French Indochina
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Vietnam Syndrome
SOC.11.5.3.1	Creates and articulates possible alternative resolutions to public issues and evaluates these resolutions using criteria that have been identified in the context of a discussion.	Vietcong Tunnels
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	Nixon and Watergate
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Essay: The Vietnam Era
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Air War
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Antiwar Movement
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Ground War
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Gulf of Tonkin Resolution
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Invasion of Cambodia
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	The Paris Peace Accords
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Vietnam Syndrome
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	French Indochina
SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	Vietnam Syndrome
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	French Indochina
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Vietnam Syndrome
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Vietcong Tunnels
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	French Indochina
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Vietnam Syndrome
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	French Indochina
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	The French Indochina War
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	Vietnam Syndrome
SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	French Indochina

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SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	Vietnam Syndrome
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Vietnam
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	French Indochina
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	Vietnam Syndrome
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	French Indochina
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	Vietnam Syndrome
SOC.12.5.3.1	Evaluates how the discussion and the proposed alternative resolutions changed or solidified one's own position on public issues.	Vietcong Tunnels
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	Nixon and Watergate
SOC.9-10.A.2.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	Early History
SOC.9-10.A.2.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	Essay: The U.S. Policy for Vietnam
SOC.9-10.A.2.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	The French Indochina War
SOC.9-10.A.2.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	Vietnam
SOC.9-10.A.2.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	World War II
SOC.9-10.A.3.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	Early History
SOC.9-10.A.3.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	Essay: The U.S. Policy for Vietnam
SOC.9-10.A.3.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	The French Indochina War
SOC.9-10.A.3.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	Vietnam
SOC.9-10.A.3.1	Understand the impact of Islamic expansion on European access to Asian resources and markets	World War II
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	French Indochina
SOC.9-10.A.3.3	Understand the interconnection of mercantilism and European expansion.	French Indochina
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	French Indochina
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	French Indochina
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	The Geneva Accords

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SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	Vietnam Syndrome
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	French Indochina
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	The Geneva Accords
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	Vietnam Syndrome
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	French Indochina
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Vietnam Syndrome
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	French Indochina
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	Vietnam Syndrome
SOC.9-10.B.2.2	Understand the transformations of Asian cultures and governments as a result of revolution	The French Indochina War
SOC.9-10.B.2.2	Understand the transformations of Asian cultures and governments as a result of revolution	World War II
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	The French Indochina War
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Vietnam
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	Vietcong Tunnels
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	French Indochina
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	The French Indochina War
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Vietnam
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Vietnam Syndrome
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	French Indochina
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	Vietnam Syndrome

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SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Lyndon B. Johnson
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	The Antiwar Movement
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	The Invasion of Cambodia
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Vietnam
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Vietnamization
SOC.9-10.C.1.2	Discuss human rights violations and genocide	Vietnam
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	French Indochina
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	Vietnam
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	Vietnam Syndrome
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	French Indochina
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Vietnam Syndrome
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	French Indochina
SOC.9-10.C.1.8	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term responses by the people under colonial rule	French Indochina
SOC.9-10.C.1.9	Describe the independence struggles of the colonized regions of the world, including the roles of leaders	French Indochina
SOC.9-10.C.1.9	Describe the independence struggles of the colonized regions of the world, including the roles of leaders	The Geneva Accords
SOC.9-10.C.1.9	Describe the independence struggles of the colonized regions of the world, including the roles of leaders	Vietcong Tunnels
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Essay: The Vietnam Era

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SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Lyndon B. Johnson
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Air War
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Antiwar Movement
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Ground War
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Gulf of Tonkin Resolution
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Invasion of Cambodia
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Paris Peace Accords
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Vietnam Syndrome
SOC.9-10.C.3.2	Understand the nature of war and the consequences for the environment.	Vietnam
SOC.9-10.C.3.5	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	French Indochina
SOC.9-10.C.4.2	Understand the nature of war and its economic costs on all sides of the conflict	Vietnam
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	French Indochina
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Vietnam Syndrome
SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	French Indochina

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SOC.9-10.C.4.7	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	French Indochina
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Secret Diplomacy
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	French Indochina
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	Vietnam Syndrome
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	French Indochina
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Vietnam Syndrome
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	French Indochina
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Vietnam Syndrome
SOC.9-10.D.1.4	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	French Indochina
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	French Indochina
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	Vietnam Syndrome
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	French Indochina
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Vietnam Syndrome
SOC.9-10.D.2.3	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	French Indochina
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	French Indochina
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	The French Indochina War
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	Vietnam Syndrome
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	French Indochina
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Vietnam Syndrome
SOC.9-10.D.3.4	Examine the impact of participation in international political bodies	French Indochina
SOC.9-10.D.3.4	Examine the impact of participation in international political bodies	Vietnam Syndrome
SOC.9-10.D.4.1	Understand the economic causes and consequences of the reoccurrence of genocide in history	French Indochina
SOC.9-10.D.4.1	Understand the economic causes and consequences of the reoccurrence of genocide in history	Vietnam Syndrome
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	French Indochina

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SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Vietnam Syndrome
SOC.9-10.D.4.3	Identify the implications and multiple perspectives of increasing mechanization and consolidation on the work and living conditions of people in diverse cultural, economic, and political backgrounds	French Indochina
SOC.9-10.D.4.4	Examine the impact of participation in international political bodies	French Indochina
SOC.9-10.D.4.4	Examine the impact of participation in international political bodies	Vietnam Syndrome
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	The Geneva Accords
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	The French Indochina War
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Vietcong Tunnels
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Vietcong Tunnels
SOC.9-10.E.2.2	Assess the difficulties of newly emerging countries in a changing political world	The French Indochina War
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	The French Indochina War
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	Vietcong Tunnels
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Vietcong Tunnels
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	The French Indochina War
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Vietcong Tunnels
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Vietcong Tunnels
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Essay: The U.S. Policy for Vietnam
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Nationalist Movement
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	The French Indochina War
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	World War II
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	The French Indochina War

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SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Vietcong Tunnels
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Vietcong Tunnels
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Section	Description	Lesson Title
SOC.11.A.1.3	Describe the purpose and the effects of the Open Door Policy	French Indochina
SOC.11.A.1.3	Describe the purpose and the effects of the Open Door Policy	Vietnam Syndrome
SOC.11.A.1.4	Explain the causes and impacts of the women's suffrage movement	French Indochina
SOC.11.A.1.4	Explain the causes and impacts of the women's suffrage movement	Vietnam Syndrome
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Essay: The Vietnam Era
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Air War
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Antiwar Movement
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The French Indochina War
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Ground War
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Gulf of Tonkin Resolution
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Invasion of Cambodia
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	The Paris Peace Accords
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Vietnam Syndrome
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Essay: The Vietnam Era
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Lyndon B. Johnson
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Air War
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Antiwar Movement
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Ground War
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Gulf of Tonkin Resolution
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Invasion of Cambodia
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	The Paris Peace Accords
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Vietnam Syndrome
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Vietnamization

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SOC.11.A.2.3	Review U.S. and state constitutions and treaties with Indian nations and how they affect industry and America's growing role as a world power	French Indochina
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	French Indochina
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	The French Indochina War
SOC.11.A.2.5	Evaluate the political impact of Labor, Progressive, and Populist movements	Vietnam Syndrome
SOC.11.A.3.3	Describe the Spanish-American War and U.S. expansion in the South Pacific	French Indochina
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	French Indochina
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Richard Nixon
SOC.11.A.3.4	Trace the growth and effects of radio and movies and their role in the worldwide diffusion of popular culture	Vietnam Syndrome
SOC.11.A.3.5	Describe how the Allotment Act affected tribes and the geography of their reservations	French Indochina
SOC.11.A.3.5	Describe how the Allotment Act affected tribes and the geography of their reservations	Vietnam Syndrome
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	French Indochina
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	Vietnam Syndrome
SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	French Indochina
SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	Vietnam Syndrome
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Lyndon B. Johnson
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	French Indochina
SOC.11.B.1.3	Evaluate the impact of labor, Progressive and Populist movements	Vietnam Syndrome
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	French Indochina
SOC.11.B.1.4	Explain the impact of the Harlem Renaissance on American society	Vietnam Syndrome
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	French Indochina
SOC.11.B.3.1	Evaluate the impact of labor, Progressive, and Populist movements	Vietnam Syndrome
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	French Indochina
SOC.11.B.3.2	Explain the origins of the Red Scare in the 1920s	Vietnam Syndrome
SOC.11.B.4.1	Examine the consequences of migration from rural to urban areas	French Indochina
SOC.11.B.4.1	Examine the consequences of migration from rural to urban areas	Vietnam Syndrome
SOC.11.B.4.2	Explain the geographic causes and consequences of the Dust Bowl	French Indochina
SOC.11.B.4.2	Explain the geographic causes and consequences of the Dust Bowl	Vietnam Syndrome

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SOC.11.B.4.3	Explain the effects of large-scale public works projects on the environment	French Indochina
SOC.11.B.4.3	Explain the effects of large-scale public works projects on the environment	Vietnam Syndrome
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	The Geneva Accords
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	The Geneva Accords
SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	French Indochina
SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	The French Indochina War
SOC.11.C.1.4	Examine the impacts of nuclear power on political, cultural, and social arenas	Vietnam Syndrome
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	French Indochina
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	Vietnam Syndrome
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Crisis in Morale and Discipline
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Dien Bien Phu
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Essay: The Vietnam Era
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Essay: Vietnamization
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Falling Dominoes

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Fighting the War
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Introduction to Combat: Chu Lai and Ia Drang
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	LBJ Shocks the Nation
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Lyndon B. Johnson
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Nationalist Movement
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Ngo Dinh Diem: The Miracle Man of Asia
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Prisoner of War
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Richard Nixon
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Secret Diplomacy

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Diem Coup
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Fall of Saigon
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The French Indochina War
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Geneva Accords
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Governmental Debate
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Gulf of Tonkin Incident
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Ho Chi Minh Trail
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Invasion of Cambodia
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Living Room War

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The National Liberation Front
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Tet Offensive
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Tour of Duty
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	U.S.-Vietnamese Relations
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Vietcong Tunnels
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Vietnam Syndrome
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Vietnamese Soldiers
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Vietnamization
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	World War II

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SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Lyndon B. Johnson
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	The Geneva Accords
SOC.11.C.4.1	Evaluate the global impact of the growing power of multinational and supranational corporations on global economy and interdependence	French Indochina
SOC.11.C.4.1	Evaluate the global impact of the growing power of multinational and supranational corporations on global economy and interdependence	Vietnam Syndrome
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	French Indochina
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Lyndon B. Johnson
SOC.11.D.1.1	Identify technological advances and hypothesize about the effects of science and technology on American society	Vietnam Syndrome
SOC.11.D.1.2	Compare and contrast the rise of the suburban affluent middle class with groups left out of the American Dream	Lyndon B. Johnson
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	French Indochina
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Richard Nixon
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	The Living Room War
SOC.11.D.1.4	Compare and contrast the influences of mass media and mass culture on American society	Vietnam Syndrome
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	French Indochina
SOC.11.D.1.6	Examine the causes and effects of the Civil Rights movement and its impact on American society	Vietnam Syndrome
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	French Indochina
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Vietnam Syndrome
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	French Indochina
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Vietnam Syndrome

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SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Essay: The Vietnam Era
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Air War
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Antiwar Movement
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The French Indochina War
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Ground War
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Gulf of Tonkin Resolution
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Invasion of Cambodia
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	The Paris Peace Accords
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Vietnam Syndrome
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	World War II
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Essay: The Vietnam Era
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Air War
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Antiwar Movement
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The French Indochina War
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Ground War
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Gulf of Tonkin Resolution
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Invasion of Cambodia
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	The Paris Peace Accords

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SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Vietnam Syndrome
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	World War II
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Early History
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	French Indochina
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Vietnam Syndrome
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Essay: Vietnamization
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	LBJ Shocks the Nation
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Lyndon B. Johnson
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The 1968 Election
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Air War
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Antiwar Movement
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Gulf of Tonkin Resolution
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Invasion of Cambodia
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	The Paris Peace Accords
SOC.11.D.3.2	Discuss the significant domestic policy speeches of Truman, Eisenhower, Kennedy, Johnson, Nixon, Carter, Reagan, Bush, Clinton, and Bush	Vietnamization
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	Lyndon B. Johnson
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	The Antiwar Movement

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SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	The Invasion of Cambodia
SOC.11.D.3.3	Explain how federal, state, tribal, and local governments have responded to demographic and social changes such as population shifts to the suburbs, racial concentration in the cities, international migration, decline of family farms, increases in single parenthood, and drug abuse	Vietnamization
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Lyndon B. Johnson
SOC.11.D.3.8	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Vietnam
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Lyndon B. Johnson
SOC.11.D.4.1	Describe the effects on society and the economy of technological developments since 1945, including the computer revolution, changes in communication, advances in medicine, and improvements in agricultural technology	Vietnam
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.C.1.1	Describe the impact individuals have had on world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	French Indochina
SOC.12.C.1.1	Describe the impact individuals have had on world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Vietnam Syndrome
SOC.12.C.1.2	Assess the impact of international issues on individuals	French Indochina
SOC.12.C.1.2	Assess the impact of international issues on individuals	Vietnam Syndrome
SOC.12.C.1.4	Analyze the methods and implications of participation as a citizen in a government	Nixon and Watergate
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	French Indochina
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Vietnam Syndrome
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	French Indochina
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Vietnam Syndrome
SOC.12.C.3.3	Analyze the methods and implications of participation as a citizen in a government	Nixon and Watergate
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	French Indochina
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	Vietnam Syndrome

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SOC.12.C.3.5	Assess the impact of international political issues on individuals	French Indochina
SOC.12.C.3.5	Assess the impact of international political issues on individuals	The French Indochina War
SOC.12.C.3.5	Assess the impact of international political issues on individuals	Vietnam Syndrome
SOC.12.C.4.1	Describe the impact individuals have had on world and regional human issues, such as global economic and financial matters	French Indochina
SOC.12.C.4.1	Describe the impact individuals have had on world and regional human issues, such as global economic and financial matters	Vietnam Syndrome
SOC.12.C.4.2	Assess the impact of international economic issues on individuals	French Indochina
SOC.12.C.4.2	Assess the impact of international economic issues on individuals	Vietnam Syndrome

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Washington - Social Studies - Grades 9-12**

State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Project: Market and Command Economies
SOC.9-10.4.1.1.a	Analyzes change and continuity within a historical time period.	Europe
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.2.2.1.a	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Comparing Economic Systems
SOC.11.4.1.2.a.3	Reform, prosperity, and the Great Depression (1918-1939).	The Great Depression
SOC.11.4.1.2.a.6	Entering a new era (1991-present).	Europe
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.2.2.1.a	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Comparing Economic Systems
SOC.12.4.2.2.a	Analyzes how cultural identity can promote unity and division.	Project: Themes in Relationships
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.1.2.3	Evaluates the impact of various forms of government on people in the past or present.	Europe
SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Africa and Apartheid
SOC.9-10.2.1.1	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	The French Revolution
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Project: Market and Command Economies
SOC.9-10.2.3.1	Analyzes the costs and benefits of government trade policies from around the world in the past or present.	The French Revolution
SOC.9-10.3.1.2	Identifies major world regions and understands their cultural roots.	The French Revolution
SOC.9-10.3.2.1	Analyzes and evaluates human interaction with the environment across the world in the past or present.	The French Revolution
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	The French Revolution
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	The French Revolution
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	The French Revolution
SOC.9-10.4.1.2.C	International conflicts (1870-present).	The French Revolution
SOC.9-10.4.1.2.D	Emergence and development of new nations (1900-present).	Europe

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Washington - Social Studies - Grades 9-12**

SOC.9-10.4.1.2.D	Emergence and development of new nations (1900-present).	The French Revolution
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	The French Revolution
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Europe
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	The French Revolution
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Europe
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	The French Revolution
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	The French Revolution
SOC.9-10.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	The French Revolution
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	The French Revolution
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	The French Revolution
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	The Great Depression
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	The Cold War, 1947-1970
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Europe
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Comparing Economic Systems
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Project: Market and Command Economies
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	China
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	Trade
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Europe
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	The Effects of World War I
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Trade
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	The Effects of World War I

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SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	Trade
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Pandemics
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Pandemics
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Pandemics
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Comparing Economic Systems
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	China
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Comparing Economic Systems
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Comparing Economic Systems
Grade:	Grade 11	
Section	Description	Lesson Title
SOC.11.A.1.4	Explain the causes and impacts of the women's suffrage movement	North America
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	The Great Depression
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	The Great Depression
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Project: The Cold War
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	The Cold War, 1947-1970
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	North America
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.A.4.2	The provision of physical infrastructure in a modern society	Comparing Economic Systems

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Washington - Social Studies - Grades 9-12**

State:	Washington
Standard:	Grade Level Expectations
Subject:	Social Studies
Grade:	Grades: 9-10

Section	Description	Lesson Title
SOC.9-10.2.4.1.a	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	Humans and Their Environment Part 1
SOC.9-10.2.4.1.a	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	Humans and Their Environment Part 2
SOC.9-10.2.4.1.a	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	Settlement and Movement
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Balkan Region
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Central Region
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Cultural Mosaics
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Culture
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Culture
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Culture
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Culture
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Culture
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Culture
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Culture
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	East and Southern Africa
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Eastern Region
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Mexico
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	North Africa
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	North America in Spatial Terms
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Northern Region
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Settlement and Movement
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Settlement and Movement
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Southern Region
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Southwest Asia: The Arabian Peninsula

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SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Southwest Asia: The Middle East
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Sub-Saharan Africa in Spatial Terms
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	The United States, The Midwest and the West
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	West and Central Africa
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Western Central Region
SOC.9-10.3.2.1.a	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Ecosystems
SOC.9-10.3.2.1.a	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Environment and Society
SOC.9-10.3.2.1.a	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Environment: East Asia
SOC.9-10.3.2.1.a	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.9-10.3.2.1.a	Analyzes and evaluates human interaction with the environment across the world in the past or present.	What is Geography?
SOC.9-10.3.2.1.a	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Where People Live
SOC.9-10.3.2.2.a	Understands and analyzes examples of ethnocentrism.	Geographic Themes: Location and Place
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Historical Perspectives
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Historical Perspectives
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Historical Perspectives
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Settlement and Movement
SOC.9-10.4.1.2.a.2	Age of revolutions (1750-1917).	Historical Perspectives
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Project: Analyzelt!
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Project: Analyzelt!
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Project: Analyzelt!
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Project: Summarize It!
SOC.9-10.5.4.2.a	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Project: Summarize It!
Grade:	Grade 11	

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Section	Description	Lesson Title
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Project: Analyzelt!
SOC.11.1.3.1.a	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Project: Consider It!
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Humans and Their Environment Part 1
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Humans and Their Environment Part 2
SOC.11.2.4.1.a	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Settlement and Movement
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Geographic Tools: Graphs, Charts, and More
SOC.11.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Analyzelt!
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Balkan Region
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Central Region
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	East and Southern Africa
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Eastern Region
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Mexico
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	North Africa
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	North America in Spatial Terms
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Northern Region
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Physical Processes: The Atmosphere and the Hydrosphere
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Physical Processes: The Lithosphere and the Biosphere

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SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Southern Region
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Southwest Asia: The Arabian Peninsula
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Southwest Asia: The Middle East
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Sub-Saharan Africa in Spatial Terms
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	The United States, The Midwest and the West
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	West and Central Africa
SOC.11.3.1.2.a	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Western Central Region
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Environment and Society
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Environment: East Asia
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Project: Analyzelt!
SOC.11.3.2.1.a	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	What is Geography?
SOC.11.3.2.3.a	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Historical Perspectives
SOC.11.3.2.3.a	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Economics and Politics
SOC.11.3.3.1.a	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Economics and Politics
SOC.11.4.1.2.a.2	Industrialization and the emergence of the United States as a world power (1890-1918).	Historical Perspectives
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	East Asia
SOC.11.4.1.2.a.4	World War II, the Cold War, and international relations (1939-1991).	Historical Perspectives
SOC.11.5.1.2.a	Evaluates the depth of a position on an issue or event.	Project: Analyzelt!
SOC.11.5.4.1.a	Evaluates and interprets other points of view on an issue within a paper or presentation.	Project: Summarize It!
Grade:	Grade 12	

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Section	Description	Lesson Title
SOC.12.1.3.1.a	Evaluates the impact of international agreements on contemporary world issues.	Economics and Politics
SOC.12.1.3.1.a	Evaluates the impact of international agreements on contemporary world issues.	Economics and Politics
SOC.12.1.3.1.a	Evaluates the impact of international agreements on contemporary world issues.	Economics and Politics
SOC.12.1.3.1.a	Evaluates the impact of international agreements on contemporary world issues.	Economics and Politics
SOC.12.2.4.1.a	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.12.2.4.1.a	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Humans and Their Environment Part 1
SOC.12.2.4.1.a	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Humans and Their Environment Part 2
SOC.12.2.4.1.a	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Settlement and Movement
SOC.12.2.4.1.a	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	What is Geography?
SOC.12.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Geographic Tools: Graphs, Charts, and More
SOC.12.3.1.1.a	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Analyzelt!
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Balkan Region
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Central Region
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	East and Southern Africa
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Eastern Region
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Geographic Themes: Regions
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Mexico
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	North Africa
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	North America in Spatial Terms
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Northern Region
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Southern Region
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Southwest Asia: The Arabian Peninsula
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Southwest Asia: The Middle East
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Sub-Saharan Africa in Spatial Terms
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	The United States, The Midwest and the West

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Section	Description	Lesson Title
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	The United States: The Northeast and the South
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	West and Central Africa
SOC.12.3.1.2.a	Evaluates the complexities of regions and problems involved in defining those regions.	Western Central Region
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Environment and Society
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Environment: East Asia
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Humans and Their Environment Part 1
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Humans and Their Environment Part 2
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Settlement and Movement
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	What is Geography?
SOC.12.3.2.1.a	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Where People Live
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Culture
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Environment and Society
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Historical Perspectives
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3.a	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Where People Live
SOC.12.5.4.1.a	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Project: Analyzelt!
SOC.12.5.4.1.a	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Project: Summarize It!
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title

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SOC.9-10.2.4.1	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	Humans and Their Environment Part 1
SOC.9-10.3.2.1	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.9-10.3.2.1	Analyzes and evaluates human interaction with the environment across the world in the past or present.	What is Geography?
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	Project: Analyzelt!
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Historical Perspectives
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Settlement and Movement
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	What is Geography?
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Project: Analyzelt!
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Historical Perspectives
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Project: Analyzelt!
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Project: Analyzelt!
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Project: Analyzelt!
SOC.9-10.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Geographic Tools: Graphs, Charts, and More
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Project: Analyzelt!
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Project: Analyzelt!
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Project: Analyzelt!
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	Project: Analyzelt!
SOC.9-10.5.4.1	Evaluates multiple reasons or factors to develop a position paper or presentation.	Project: Summarize It!
SOC.9-10.5.4.2	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Project: Summarize It!
Grade:	Grade 11	
Section	Description	Lesson Title

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SOC.11.1.1.1	Analyzes and evaluates the ways in which the U.S. Constitution and other fundamental documents promote key ideals and principles.	Project: Analyzelt!
SOC.11.1.1.2	Evaluates how well court decisions and government policies have upheld key ideals and principles in the United States.	Project: Analyzelt!
SOC.11.1.2.2	Evaluates the effectiveness of the system of checks and balances during a particular administration, court, Congress, or legislature.	Project: Analyzelt!
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Historical Perspectives
SOC.11.1.3.1	Analyzes and evaluates the causes and effects of U.S. foreign policy on people in the United States and the world in the past or present.	Project: Analyzelt!
SOC.11.1.4.1	Analyzes and evaluates ways of influencing local, state, and national governments to preserve individual rights and promote the common good.	Project: Analyzelt!
SOC.11.2.1.1	Analyzes the incentives for people's economic choices in the United States in the past or present.	Project: Analyzelt!
SOC.11.2.2.1	Understands that nations have competing philosophies about how best to produce, distribute, and consume goods, services, and resources.	Project: Analyzelt!
SOC.11.2.2.2	Analyzes how comparative advantage has affected U.S. imports and exports in the past or present.	Project: Analyzelt!
SOC.11.2.3.1	Evaluates the role of the U.S. government in regulating a market economy in the past or present.	Project: Analyzelt!
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Humans and Their Environment Part 1
SOC.11.2.4.1	Analyzes and evaluates how people in the United States have addressed issues involved with the distribution of resources and sustainability in the past or present.	Project: Analyzelt!
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Geographic Tools: Graphs, Charts, and More
SOC.11.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Analyzelt!
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Balkan Region
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Central Region
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	East and Southern Africa
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Eastern Region
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Ecosystems

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SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Environment and Society
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Environment: East Asia
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Geographic Themes: Regions
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Mexico
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	North Africa
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	North America in Spatial Terms
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Northern Region
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Project: Analyzelt!
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Southern Region
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Southwest Asia: The Arabian Peninsula
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Southwest Asia: The Middle East
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Sub-Saharan Africa in Spatial Terms
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	The United States, The Midwest and the West
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	The United States: The Northeast and the South
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	West and Central Africa
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Western Central Region
SOC.11.3.1.2	Analyzes how differences in regions and spatial patterns have emerged in the United States from natural processes and human activities.	Where People Live

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SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	Project: Analyzelt!
SOC.11.3.2.1	Analyzes and evaluates human interaction with the environment in the United States in the past or present.	What is Geography?
SOC.11.3.2.2	Analyzes cultural interactions.	Project: Analyzelt!
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Historical Perspectives
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Project: Analyzelt!
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.2.3	Analyzes the causes and effects of voluntary and involuntary migration in the United States in the past or present.	Settlement and Movement
SOC.11.3.3.1	Analyzes and evaluates elements of geography to trace the emergence of the United States as a global economic and political force in the past or present.	Project: Analyzelt!
SOC.11.4.1.2.A	Our foundations (1776-1791).	Historical Perspectives
SOC.11.4.1.2.B	Industrialization and the emergence of the United States as a world power (1890-1918).	Historical Perspectives
SOC.11.4.1.2.C	Reform, prosperity, and the Great Depression (1918-1939).	Historical Perspectives
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	East Asia
SOC.11.4.1.2.D	World War II, the Cold War, and international relations (1939-1991).	Historical Perspectives
SOC.11.4.1.2.E	Movements and domestic issues (1945-1991).	Historical Perspectives
SOC.11.4.1.2.F	Entering a new era (1991-present).	Historical Perspectives
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Historical Perspectives
SOC.11.4.2.1	Evaluates how individuals and movements have shaped the United States (1890-present).	Project: Analyzelt!
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Historical Perspectives
SOC.11.4.2.2	Analyzes how cultures and cultural groups have shaped the United States (1890 - present).	Project: Analyzelt!

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SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Historical Perspectives
SOC.11.4.2.3	Analyzes and evaluates how technology and ideas have shaped U.S. history (1890-present).	Project: Analyze It!
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Historical Perspectives
SOC.11.4.3.1	Analyzes differing interpretations of events in U.S. history (1890-present).	Project: Analyze It!
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Historical Perspectives
SOC.11.4.3.2	Analyzes multiple causes of events in U.S. history, distinguishing between proximate and long-term causal factors (1890-present).	Project: Analyze It!
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Historical Perspectives
SOC.11.4.4.1	Analyzes how an understanding of United States history can help us prevent problems today.	Project: Analyze It!
SOC.11.5.1.1	Analyzes the underlying assumptions of positions on an issue or event.	Project: Analyze It!
SOC.11.5.1.2	Evaluates the depth of a position on an issue or event.	Project: Analyze It!
SOC.11.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Project: Analyze It!
SOC.11.5.4.1	Evaluates and interprets other points of view on an issue within a paper or presentation.	Geographic Tools: Graphs, Charts, and More
SOC.11.5.4.1	Evaluates and interprets other points of view on an issue within a paper or presentation.	Project: Summarize It!
Grade:	Grade 12	
Section	Description	Lesson Title
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	Project: Analyze It!
SOC.12.1.1.2	Evaluates relationships between key ideals and historical and current realities.	Project: Map It!
SOC.12.1.2.2	Evaluates the effectiveness of federalism in promoting the common good and protecting individual rights.	Project: Analyze It!
SOC.12.1.2.3	Analyzes and evaluates the structures of state, tribal, and federal forms of governments by comparing them to those of other governments.	Project: Analyze It!
SOC.12.1.2.4	Understands and evaluates how political systems in the United States operate.	Project: Analyze It!
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Project: Analyze It!
SOC.12.1.3.1	Evaluates the impact of international agreements on contemporary world issues.	Project: Consider It!
SOC.12.1.4.1	Analyzes and evaluates ways of influencing national governments and international organizations to establish or preserve individual rights and/or promote the common good.	Project: Analyze It!
SOC.12.2.1.1	Analyzes how economic choices made by groups and individuals in the global economy can impose costs and provide benefits.	Project: Analyze It!
SOC.12.2.2.1	Analyzes and evaluates the advantages and disadvantages of different economic systems for countries and groups of people.	Project: Analyze It!

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SOC.12.2.2.2	Analyzes and evaluates the effects of specialization on global trade.	Project: Analyzelt!
SOC.12.2.3.1	Evaluates the costs and benefits of governmental fiscal and monetary policies.	Project: Analyzelt!
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Humans and Their Environment Part 1
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Project: Analyzelt!
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Settlement and Movement
SOC.12.2.4.1	Analyzes and evaluates how individuals affect and are affected by the distribution of resources and sustainability.	Where People Live
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Geographic Tools: Globes and Maps
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Geographic Tools: Graphs, Charts, and More
SOC.12.3.1.1	Analyzes information from geographic tools, including computer-based mapping systems, to draw conclusions on an issue or event.	Project: Analyzelt!
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Balkan Region
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Central Region
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	East and Southern Africa
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Eastern Region
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Geographic Themes: Regions
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Mexico
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	North Africa
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	North America in Spatial Terms
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Northern Region
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Project: Analyzelt!
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Southern Region
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Southwest Asia: The Arabian Peninsula
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Southwest Asia: The Middle East
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Sub-Saharan Africa in Spatial Terms
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	The United States, The Midwest and the West
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	The United States: The Northeast and the South

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SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	West and Central Africa
SOC.12.3.1.2	Evaluates the complexities of regions and problems involved in defining those regions.	Western Central Region
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Humans and Their Environment Part 1
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Humans and Their Environment Part 2
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	Settlement and Movement
SOC.12.3.2.1	Evaluates how human interaction with the environment has affected economic growth and sustainability.	What is Geography?
SOC.12.3.2.2	Analyzes and evaluates the social and political factors affecting cultural interactions.	Project: Analyzelt!
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Historical Perspectives
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Project: Analyzelt!
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.2.3	Analyzes and evaluates current opportunities and obstacles connected with international migration.	Settlement and Movement
SOC.12.3.3.1	Analyzes how the geography of globalization affects local diversity.	Project: Analyzelt!
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.12.4.2.1	Evaluates how individuals and movements have shaped contemporary world issues.	Project: Analyzelt!
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Geographic Themes: Location and Place
SOC.12.4.2.2	Analyzes how cultural identity can promote unity and division.	Project: Analyzelt!
SOC.12.4.2.3	Evaluates the ethics of current and future uses of technology based on how technology has shaped history.	Project: Analyzelt!
SOC.12.4.3.1	Analyzes the motives and interests behind an interpretation of a recent event.	Geographic Tools: Graphs, Charts, and More
SOC.12.4.3.1	Analyzes the motives and interests behind an interpretation of a recent event.	Project: Analyzelt!
SOC.12.4.3.2	Evaluates the ramifications of mono-causal explanations of contemporary events in the world.	Project: Analyzelt!
SOC.12.4.4.1	Evaluates positions on a current issue based on an analysis of history.	Project: Analyzelt!

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SOC.12.5.1.1	Analyzes the short-term and long-term implications of decisions affecting the global community.	Project: Analyzelt!
SOC.12.5.1.2	Evaluates the plausibility of an analysis of decisions affecting the global community.	Project: Analyzelt!
SOC.12.5.2.2	Evaluates the breadth of research to determine the need for new or additional investigation when researching an issue or event.	Project: Analyzelt!
SOC.12.5.3.1	Evaluates how the discussion and the proposed alternative resolutions changed or solidified one's own position on public issues.	Project: Analyzelt!
SOC.12.5.4.1	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Project: Analyzelt!
SOC.12.5.4.1	Evaluates positions and evidence to make one's own decisions in a paper or presentation.	Project: Summarize It!
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	Project: Analyzelt!
SOC.9-10.A.1.2	Understand the rise of nation states and how they influenced world development	Historical Perspectives
SOC.9-10.A.1.3	Assess the role of Christianity as a factor in European expansion	Historical Perspectives
SOC.9-10.A.1.3	Assess the role of Christianity as a factor in European expansion	Historical Perspectives
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	Historical Perspectives
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	Project: Map It!
SOC.9-10.A.1.5	Understand the rise of nation states and how they influenced world development	Historical Perspectives
SOC.9-10.A.3.3	Understand the interconnection of mercantilism and European expansion.	Project: Map It!
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Project: Analyzelt!
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Historical Perspectives
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Project: Analyzelt!
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	Project: Solve It!
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Historical Perspectives
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Project: Analyzelt!
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	Project: Analyzelt!
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	The United States, The Midwest and the West
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Project: Map It!

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SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	Settlement and Movement
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Historical Perspectives
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Project: Analyzelt!
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Project: Analyzelt!
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Project: Analyzelt!
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Project: Analyzelt!
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Project: Analyzelt!
SOC.9-10.C.1.8	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term responses by the people under colonial rule	Economics and Politics
SOC.9-10.C.1.8	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term responses by the people under colonial rule	Economics and Politics
SOC.9-10.C.1.9	Describe the independence struggles of the colonized regions of the world, including the roles of leaders	The United States, The Midwest and the West
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Project: Analyzelt!
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Economics and Politics
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Economics and Politics
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Economics and Politics
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Economics and Politics

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SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Historical Perspectives
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Project: Analyzelt!
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Project: Analyzelt!
SOC.9-10.C.3.2	Understand the nature of war and the consequences for the environment.	Environment and Society
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Conflict and Cooperation
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Project: Analyzelt!
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Economics and Politics
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Historical Perspectives
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Project: Analyzelt!
SOC.9-10.C.3.5	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Economics and Politics
SOC.9-10.C.3.5	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Economics and Politics
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Project: Analyzelt!
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Project: Analyzelt!
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Project: Analyzelt!
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Project: Analyzelt!
SOC.9-10.C.4.7	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Economics and Politics
SOC.9-10.C.4.7	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Economics and Politics
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Project: Analyzelt!

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SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	East Asia
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Historical Perspectives
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Project: Analyzelt!
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Project: Analyzelt!
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Project: Analyzelt!
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Project: Analyzelt!
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Project: Analyzelt!
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Project: Analyzelt!
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Project: Analyzelt!
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Environment and Society
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Humans and Their Environment Part 1
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Project: Analyzelt!
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Balkan Region
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Central Region
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	East and Southern Africa
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Eastern Region
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Geographic Themes: Regions
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	North Africa
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	North America in Spatial Terms
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Northern Region

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SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Southern Region
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Southwest Asia: The Arabian Peninsula
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Southwest Asia: The Middle East
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Sub-Saharan Africa in Spatial Terms
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	The United States, The Midwest and the West
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	West and Central Africa
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Western Central Region
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	The United States, The Midwest and the West
SOC.9-10.E.2.3	Explain the mechanisms and nature of political inter-dependence of local, regions, and nations.	The United States, The Midwest and the West
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	The United States, The Midwest and the West
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Environment and Society
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Humans and Their Environment Part 1
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Project: Analyzelt!
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Balkan Region
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Central Region
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	East and Southern Africa
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Eastern Region
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Geographic Themes: Regions
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	North Africa

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SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	North America in Spatial Terms
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Northern Region
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Southern Region
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Southwest Asia: The Arabian Peninsula
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Southwest Asia: The Middle East
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Sub-Saharan Africa in Spatial Terms
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	The United States, The Midwest and the West
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	West and Central Africa
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	Western Central Region
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Environment and Society
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Humans and Their Environment Part 1
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Project: Analyzelt!
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	The United States, The Midwest and the West
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Project: Analyzelt!
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	Environment and Society
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	Humans and Their Environment Part 1
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	Project: Analyzelt!
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Balkan Region

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SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Central Region
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	East and Southern Africa
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Eastern Region
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Geographic Themes: Regions
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	North Africa
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	North America in Spatial Terms
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Northern Region
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Southern Region
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Southwest Asia: The Arabian Peninsula
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Southwest Asia: The Middle East
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Sub-Saharan Africa in Spatial Terms
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	The United States, The Midwest and the West
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	West and Central Africa
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	Western Central Region
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Environment and Society
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Humans and Their Environment Part 1
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Project: Analyzelt!
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	The United States, The Midwest and the West

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Grade: Grade 11		
Section	Description	Lesson Title
SOC.11.A.1.5	Analyze the international and domestic events, interests, and philosophies that prompted attacks on civil liberties (e.g., Palmer Raids, Ku Klux Klan, immigration quotas) and the responses to these attacks (e.g. NAACP, ACLU, Anti-Defamation League)	Project: Analyzelt!
SOC.11.A.2.1	Analyze American intervention and foreign policy developments and changes	Project: Analyzelt!
SOC.11.A.2.2	Analyze the role of the presidents in pushing domestic reform and world leadership abroad	Project: Analyzelt!
SOC.11.A.3.1	Chart the changing demographics in the United States as a result of industrialization	Project: Map It!
SOC.11.A.3.1	Chart the changing demographics in the United States as a result of industrialization	Project: Note It!
SOC.11.A.3.2	Explain how natural resources were harvested and/or depleted during the rise of industrialism	Australia and New Zealand
SOC.11.A.3.2	Explain how natural resources were harvested and/or depleted during the rise of industrialism	Micronesia, Melanesia, and Polynesia
SOC.11.A.4.1	Analyze the role of labor in ensuring worker's rights and the redistribution of material benefits of the industrial revolution to a wider segment of American society	Project: Analyzelt!
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	Economics and Politics
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	Economics and Politics
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	Economics and Politics
SOC.11.A.4.2	Explain the reasons why the U.S. emerged as a world economic power	Economics and Politics
SOC.11.B.1.1	Examine the consequences of migration from rural to urban areas	Historical Perspectives
SOC.11.B.1.2	Evaluate the New Deal and its opponents, the rise of the welfare state, and the impact of the Great Depression on American society	Project: Analyzelt!
SOC.11.B.2.2	Analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government (e.g., Works Progress Administration, Social Security, National Labor Relations Board, farm)	Project: Analyzelt!
SOC.11.B.3.3	Analyze the effect of intolerance in limiting the achievement of human dignity, liberty, justice, and equality for all its citizens	Project: Analyzelt!
SOC.11.B.4.1	Examine the consequences of migration from rural to urban areas	Historical Perspectives
SOC.11.B.4.3	Explain the effects of large-scale public works projects on the environment	Environment and Society
SOC.11.C.1.1	Analyze the causes and consequences of World War II	Project: Analyzelt!
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Historical Perspectives
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Historical Perspectives
SOC.11.C.1.2	Analyze changes in the balance of power after World War II	Project: Analyzelt!

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SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	Historical Perspectives
SOC.11.C.1.3	Compare and contrast the successes and failures of the League of Nations after WW I with the United Nations after WW II	Historical Perspectives
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	Central Asia
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	Historical Perspectives
SOC.11.C.1.5	Evaluate the effect of the collapse of communism in Europe on the United States and the rest of the world	Project: Report It!
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Environment and Society
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Environment and Society
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Environment and Society
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Humans and Their Environment Part 1
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Looking Ahead
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Looking Ahead
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Looking Ahead
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Looking Ahead
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Looking Ahead
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Looking Ahead
SOC.11.C.1.6	Analyze the rise of arms limitation treaties, global concerns over the environment, and issues of human rights	Project: Analyzelt!
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	East Asia

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SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Historical Perspectives
SOC.11.C.1.7	Trace the origins and geopolitical consequences of the Cold War and containment policy, including the following: McCarthyism, The Truman Doctrine, The Berlin Blockade, The Korean War, The Bay of Pigs invasion and Cuban Missile Crisis, Atomic testing in the American West, The Vietnam War, Latin American Policy	Project: Consider It!
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Conflict and Cooperation
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Economics and Politics
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Economics and Politics
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Economics and Politics
SOC.11.C.2.1	Identify the borders of countries that changed as a result of World War II	Economics and Politics
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Historical Perspectives
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Historical Perspectives
SOC.11.C.3.1	Explain how the threat of totalitarian governments before, during, and after World War II produced changes in America	Historical Perspectives
SOC.11.D.1.3	Describe the significance of Mexican immigration and its relationship to the agricultural economy, especially in Washington	Project: Map It!
SOC.11.D.1.5	Analyze the issues surrounding the role of government in a democracy in terms of civil liberties and individual rights and responsibilities	Project: Analyzelt!
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Environment and Society
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Environment and Society
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Environment and Society
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Humans and Their Environment Part 1

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SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Looking Ahead
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Looking Ahead
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Looking Ahead
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Looking Ahead
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Looking Ahead
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Looking Ahead
SOC.11.D.1.8	Examine the causes and consequences of the rise of various environmental, labor, ethnic minority rights, and other social and political movements continue to have on American society	Project: Analyzelt!
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Environment and Society
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Environment and Society
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Looking Ahead
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Looking Ahead

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SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Looking Ahead
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Looking Ahead
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Looking Ahead
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Looking Ahead
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	Project: Analyze It!
SOC.11.D.2.1	Trace the impact of, need for, and controversies associated with environmental conservation, expansion of the national park system, and the development of environmental protection laws, with particular attention to the interaction between environmental protection advocates and property rights advocates	The United States: The Northeast and the South
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Culture
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Economics and Politics
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Environment and Society
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Environment and Society
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Historical Perspectives
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Humans and Their Environment Part 1

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SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Looking Ahead
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Looking Ahead
SOC.11.D.2.2	Examine relations between the United States and Mexico during the twentieth century, including key economic, political, immigration, and environmental issues	Project: Analyzelt!
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Culture
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Economics and Politics
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Environment and Society
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Environment and Society
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Historical Perspectives
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Humans and Their Environment Part 1
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Looking Ahead
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Looking Ahead
SOC.11.D.2.3	Examine relations between the United States and Canada during the twentieth century, including key economic, political, immigration, and environmental issues	Project: Analyzelt!
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Cultural Mosaics
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Culture
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Culture
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Culture
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Culture
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Culture
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Geographic Themes: Regions
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Project: Solve It!
SOC.11.D.2.4	Examine the impact of the rise of suburbs on the American political, social, and economic landscape	Settlement and Movement

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SOC.11.D.2.5	Discuss the diverse environmental regions of North America, their relationship to local economies, and the origins and prospects of environmental problems in those regions	Environment and Society
SOC.11.D.2.5	Discuss the diverse environmental regions of North America, their relationship to local economies, and the origins and prospects of environmental problems in those regions	Humans and Their Environment Part 1
SOC.11.D.2.5	Discuss the diverse environmental regions of North America, their relationship to local economies, and the origins and prospects of environmental problems in those regions	Project: Analyzelt!
SOC.11.D.2.5	Discuss the diverse environmental regions of North America, their relationship to local economies, and the origins and prospects of environmental problems in those regions	Project: Map It!
SOC.11.D.3.5	Examine and analyze the key events, leaders, policies, and court cases in the evolution of civil rights	Project: Analyzelt!
SOC.11.D.3.6	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	Analyze It
SOC.11.D.3.7	Analyze the women's rights movement launched in the 1960s and its ties to earlier action taken by Elizabeth Stanton and Susan B. Anthony	Project: Analyzelt!
SOC.11.D.4.2	Describe the effects of the liberalization in trade on society in the United States (e.g. NAFTA)	Historical Perspectives
SOC.11.D.4.3	Explain how federal tribal sovereignty affects state and local governments (e.g., property rights, natural resources conservation, fishing and hunting rights, economic development)	Analyze It
Grade: Grade 12		
Section	Description	Lesson Title
SOC.12.A.1.3	Analyze the role of ideological beliefs in public, private and political arenas	Project: Analyzelt!
SOC.12.A.2.2	Propose and evaluate potential solutions to national and international problems	Project: Analyzelt!
SOC.12.A.3.1	Propose and evaluate potential solutions to national and international problems	Project: Analyzelt!
SOC.12.A.3.2	Analyze the role of ideological beliefs in public, private and political arenas.	Project: Analyzelt!
SOC.12.A.3.5	Evaluate and take and defend positions on the scope and limits of rights and responsibilities as democratic citizens the relationships among them, and how they are secured.	Project: Analyzelt!
SOC.12.A.4.3	Examine how an understanding of international economic issues contributes to a person's role as a citizen	Looking Ahead
SOC.12.B.1.1	Analyze topical current regional, national, and international events	Humans and Their Environment Part 1
SOC.12.B.1.1	Analyze topical current regional, national, and international events	Project: Analyzelt!
SOC.12.B.1.2	Evaluate the role of the United States as a world power	Project: Analyzelt!

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SOC.12.B.1.3	Analyze world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Humans and Their Environment Part 1
SOC.12.B.1.3	Analyze world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Project: Analyzelt!
SOC.12.B.1.4	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Project: Analyzelt!
SOC.12.B.1.6	Analyze issues of technology	Project: Analyzelt!
SOC.12.B.2.1	Evaluate the role of the United States as a world power	Project: Analyzelt!
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Ecosystems
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Environment and Society
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Environment and Society
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Environment and Society
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Environment and Society
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Environment and Society
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Environment: East Asia
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Environment: South and Southeast Asia
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Looking Ahead
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Looking Ahead
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Looking Ahead
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Looking Ahead
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Looking Ahead
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Looking Ahead
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Looking Ahead
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Project: Analyzelt!
SOC.12.B.2.2	Analyze world and regional human issues, such as environmental concerns.	Where People Live
SOC.12.B.2.3	Propose and evaluate potential solutions to national and international environmental problems	Ecosystems
SOC.12.B.2.3	Propose and evaluate potential solutions to national and international environmental problems	Environment and Society
SOC.12.B.2.3	Propose and evaluate potential solutions to national and international environmental problems	Humans and Their Environment Part 1
SOC.12.B.2.3	Propose and evaluate potential solutions to national and international environmental problems	Project: Analyzelt!

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SOC.12.B.2.4	Analyze issues of technology	Environment and Society
SOC.12.B.2.4	Analyze issues of technology	Environment and Society
SOC.12.B.2.4	Analyze issues of technology	Looking Ahead
SOC.12.B.2.4	Analyze issues of technology	Looking Ahead
SOC.12.B.2.4	Analyze issues of technology	Looking Ahead
SOC.12.B.2.4	Analyze issues of technology	Looking Ahead
SOC.12.B.2.4	Analyze issues of technology	Looking Ahead
SOC.12.B.2.4	Analyze issues of technology	Project: Analyzelt!
SOC.12.B.2.4	Analyze issues of technology	Where People Live
SOC.12.B.3.3	Evaluate strategies for resolving conflicts based on deep-seated differences of belief	Project: Analyzelt!
SOC.12.B.3.4	Analyze world and regional human issues, such as human rights, international cooperation, NGOs and governmental bodies	Project: Analyzelt!
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Ecosystems
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Environment and Society
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Project: Analyzelt!
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Settlement and Movement
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Settlement and Movement
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Settlement and Movement
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Settlement and Movement
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Settlement and Movement
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Settlement and Movement
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Settlement and Movement
SOC.12.B.4.1	Analyze the role of population, the environment and demographic pressures in economic development	Where People Live
SOC.12.B.4.2	Evaluate the role of the United States as a world economic power	Project: Analyzelt!
SOC.12.B.4.3	Examine world and regional human issues, such as global economic and financial matters	Humans and Their Environment Part 1
SOC.12.B.4.3	Examine world and regional human issues, such as global economic and financial matters	Project: Analyzelt!
SOC.12.C.1.1	Describe the impact individuals have had on world and regional human issues, such as environmental, human rights, international cooperation, NGOs and governmental bodies, global economic and financial issues	Humans and Their Environment Part 1
SOC.12.C.1.4	Analyze the methods and implications of participation as a citizen in a government	Project: Analyzelt!
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Ecosystems
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Environment and Society
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Environment and Society

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SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Environment and Society
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Geographic Themes: Human-Environmental Interaction and Movement
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Humans and Their Environment Part 1
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Looking Ahead
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Looking Ahead
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Looking Ahead
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SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Looking Ahead
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Looking Ahead
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Project: Analyzelt!
SOC.12.C.2.2	Describe the impact individuals have had on world and regional human issues, such as environmental matters.	Where People Live
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Ecosystems
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Environment and Society
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Environment and Society
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Environment and Society
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Environment: East Asia
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Humans and Their Environment Part 1
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Looking Ahead
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Looking Ahead
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Looking Ahead
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Looking Ahead
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Looking Ahead
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Looking Ahead
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Looking Ahead
SOC.12.C.2.3	Assess the impact of international environmental issues on individuals	Project: Analyzelt!
SOC.12.C.3.3	Analyze the methods and implications of participation as a citizen in a government	Project: Analyzelt!
SOC.12.C.3.4	Describe the impact individuals have had on world and regional human issues, such as international cooperation.	Humans and Their Environment Part 1

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SOC.12.C.4.1	Describe the impact individuals have had on world and regional human issues, such as global economic and financial matters	Humans and Their Environment Part 1
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State:	Washington	
Standard:	Grade Level Expectations	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	Changing Religious Landscape of Europe
SOC.9-10.1.2.3.a	Evaluates the impact of various forms of government on people in the past or present.	Cultural Movement and Change
SOC.9-10.2.1.1.a	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Changes in Contemporary Society
SOC.9-10.2.1.1.a	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Mycenaean Civilization
SOC.9-10.2.1.1.a	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Nationalism and Asia
SOC.9-10.2.1.1.a	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Nationalism in Eastern Europe
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	All Roads Lead to Rome
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Comparative Economic Systems
SOC.9-10.2.2.1.a	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Global Economics
SOC.9-10.2.4.1.a	Analyzes and evaluates how people across the world have addressed issues involved with the distribution of resources and sustainability in the past or present.	All Roads Lead to Rome
SOC.9-10.3.1.2.a	Identifies major world regions and understands their cultural roots.	Migration and Oceania
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	An Adventure in Moving
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	China
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Holocaust of World War II
SOC.9-10.3.2.3.a	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Migration and Oceania
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Late Chinese Dynasties
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Nationalism and Asia
SOC.9-10.3.3.1.a	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Trading Commerce and Culture
SOC.9-10.4.1.1.a	Analyzes change and continuity within a historical time period.	All Roads Lead to Rome

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SOC.9-10.4.1.1.a	Analyzes change and continuity within a historical time period.	Getting Civilized: Revisited
SOC.9-10.4.1.1.a	Analyzes change and continuity within a historical time period.	Trading Commerce and Culture
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Economic Transformation
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Mycenaean Civilization
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Nationalism and Asia
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Spanish Influence at Home and Abroad
SOC.9-10.4.1.2.a.1	Global expansion and encounter (1450-1750).	Trading Commerce and Culture
SOC.9-10.4.1.2.a.2	Age of revolutions (1750-1917).	Mycenaean Civilization
SOC.9-10.4.1.2.a.2	Age of revolutions (1750-1917).	Nationalism and Asia
SOC.9-10.4.1.2.a.2	Age of revolutions (1750-1917).	Trading Commerce and Culture
SOC.9-10.4.1.2.a.3	International conflicts (1870-present).	Mycenaean Civilization
SOC.9-10.4.1.2.a.3	International conflicts (1870-present).	Nationalism and Asia
SOC.9-10.4.1.2.a.3	International conflicts (1870-present).	Revolutions of 1848
SOC.9-10.4.1.2.a.3	International conflicts (1870-present).	Rise of the Mongol Empire
SOC.9-10.4.1.2.a.3	International conflicts (1870-present).	The Mongols' Mark on Global History
SOC.9-10.4.1.2.a.3	International conflicts (1870-present).	Trading Commerce and Culture
SOC.9-10.4.1.2.a.4	Emergence and development of new nations (1900-present).	Mycenaean Civilization
SOC.9-10.4.1.2.a.4	Emergence and development of new nations (1900-present).	Nationalism and Asia
SOC.9-10.4.1.2.a.4	Emergence and development of new nations (1900-present).	Trading Commerce and Culture
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Information and Technological Revolution
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Mycenaean Civilization
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Nationalism and Asia
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Revolutions of 1848
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Rise of the Mongol Empire
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	The Mongols' Mark on Global History
SOC.9-10.4.1.2.a.5	Challenges to democracy and human rights (1945-present).	Trading Commerce and Culture
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	Japan
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	Mycenaean Civilization
SOC.9-10.4.2.1.a	Analyzes how individuals and movements have shaped world history (1450-present).	Nationalism and Asia
SOC.9-10.4.2.2.a	Analyzes how cultures and cultural groups have shaped world history (1450-present).	Mycenaean Civilization
SOC.9-10.4.2.2.a	Analyzes how cultures and cultural groups have shaped world history (1450-present).	Nationalism and Asia
SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Establishing Agricultural Communities
SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Getting Civilized: Revisited

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SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Information and Technological Revolution
SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Mycenaean Civilization
SOC.9-10.4.2.3.a	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Nationalism and Asia
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Mycenaean Civilization
SOC.9-10.4.3.1.a	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Nationalism and Asia
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	China
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Holocaust of World War II
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Mycenaean Civilization
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Nationalism and Asia
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Revolutions of 1848
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Rise of the Mongol Empire
SOC.9-10.4.3.2.a	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	The Mongols' Mark on Global History
SOC.9-10.4.4.1.a	Analyzes how an understanding of world history can help us prevent problems today.	Changes in Contemporary Society
SOC.9-10.4.4.1.a	Analyzes how an understanding of world history can help us prevent problems today.	Mycenaean Civilization
SOC.9-10.4.4.1.a	Analyzes how an understanding of world history can help us prevent problems today.	Nationalism and Asia
SOC.9-10.4.4.1.a	Analyzes how an understanding of world history can help us prevent problems today.	Nationalism in Eastern Europe
SOC.9-10.4.4.1.a	Analyzes how an understanding of world history can help us prevent problems today.	What's the Point?
SOC.9-10.5.1.1.a	Analyzes consequences of positions on an issue or event.	Changes in Contemporary Society
SOC.9-10.5.1.1.a	Analyzes consequences of positions on an issue or event.	Nationalism in Eastern Europe
SOC.9-10.5.1.1.a	Analyzes consequences of positions on an issue or event.	Perspectives of History
SOC.9-10.5.1.1.a	Analyzes consequences of positions on an issue or event.	Project: Point of View
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Changes in Contemporary Society
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	China's Expansion
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Nationalism in Eastern Europe
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Perspectives of History
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Project: Point of View
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Revolutions of 1848
SOC.9-10.5.1.2.a	Evaluates the precision of a position on an issue or event.	Social and Political Reform
SOC.9-10.5.2.1.a	Creates and uses research questions that are tied to an essential question to focus inquiry on an idea, issue, or event.	Changes in Contemporary Society
SOC.9-10.5.2.1.a	Creates and uses research questions that are tied to an essential question to focus inquiry on an idea, issue, or event.	Nationalism in Eastern Europe
SOC.9-10.5.2.2.a	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Changes in Contemporary Society

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SOC.9-10.5.2.2.a	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Nationalism in Eastern Europe
SOC.9-10.5.2.2.a	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Study Methods of History
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	China's Expansion
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Perspectives of History
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Project: Point of View
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Revolutions of 1848
SOC.9-10.5.3.1.a	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Social and Political Reform
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	China's Expansion
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Revolutions of 1848
SOC.9-10.5.4.1.a	Evaluates multiple reasons or factors to develop a position paper or presentation.	Social and Political Reform
SOC.9-10.5.4.2.a	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Study Methods of History
Grade:	Grade 11	
Standard:	Learning Standards	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.1.2.3	Evaluates the impact of various forms of government on people in the past or present.	All Roads Lead to Rome
SOC.9-10.1.2.3	Evaluates the impact of various forms of government on people in the past or present.	Changing Religious Landscape of Europe
SOC.9-10.1.2.3	Evaluates the impact of various forms of government on people in the past or present.	Getting Civilized: Revisited
SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Global Economics
SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Information and Technological Revolution
SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Revolutions of 1848
SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	Rise of the Mongol Empire
SOC.9-10.1.3.1	Analyzes the relationships and tensions between national interests and international issues in the world in the past or present.	The Mongols' Mark on Global History
SOC.9-10.2.1.1	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Mycenaean Civilization
SOC.9-10.2.1.1	Analyzes how the costs and benefits of economic choices have shaped events in the world in the past or present.	Nationalism and Asia

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SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	All Roads Lead to Rome
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Comparative Economic Systems
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Getting Civilized: Revisited
SOC.9-10.2.2.1	Understands and analyzes how planned and market economies have shaped the production, distribution, and consumption of goods, services, and resources around the world in the past or present.	Global Economics
SOC.9-10.2.3.1	Analyzes the costs and benefits of government trade policies from around the world in the past or present.	Mycenaean Civilization
SOC.9-10.2.3.1	Analyzes the costs and benefits of government trade policies from around the world in the past or present.	Nationalism and Asia
SOC.9-10.3.1.2	Identifies major world regions and understands their cultural roots.	Mycenaean Civilization
SOC.9-10.3.1.2	Identifies major world regions and understands their cultural roots.	Nationalism and Asia
SOC.9-10.3.2.1	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Mycenaean Civilization
SOC.9-10.3.2.1	Analyzes and evaluates human interaction with the environment across the world in the past or present.	Nationalism and Asia
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	China's Expansion
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	Revolutions of 1848
SOC.9-10.3.2.2	Understands and analyzes examples of ethnocentrism.	Social and Political Reform
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	China
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Holocaust of World War II
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Migration and Oceania
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Mycenaean Civilization
SOC.9-10.3.2.3	Understands the causes and effects of voluntary and involuntary migration in the world in the past or present.	Nationalism and Asia
SOC.9-10.3.3.1	Understands how the geography of expansion and encounter has shaped global politics and economics in the past or present.	Information and Technological Revolution
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	All Roads Lead to Rome
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	China's Expansion
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Getting Civilized: Revisited
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Revolutions of 1848
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Social and Political Reform

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SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	Trading Commerce and Culture
SOC.9-10.4.1.1	Analyzes change and continuity within a historical time period.	What's the Point?
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Global Economics
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Information and Technological Revolution
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Mycenaean Civilization
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Nation-States
SOC.9-10.4.1.2.A	Global expansion and encounter (1450-1750).	Nationalism and Asia
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Four Turning Points
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Industrialization in England
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Mycenaean Civilization
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Nationalism and Asia
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Political Revolutions
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Revolting in Russia
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Revolutions of 1848
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	Russia
SOC.9-10.4.1.2.B	Age of revolutions (1750-1917).	The French Revolution
SOC.9-10.4.1.2.C	International conflicts (1870-present).	Mycenaean Civilization
SOC.9-10.4.1.2.C	International conflicts (1870-present).	Nationalism and Asia
SOC.9-10.4.1.2.C	International conflicts (1870-present).	Revolutions of 1848
SOC.9-10.4.1.2.C	International conflicts (1870-present).	Rise of the Mongol Empire
SOC.9-10.4.1.2.C	International conflicts (1870-present).	The Mongols' Mark on Global History
SOC.9-10.4.1.2.D	Emergence and development of new nations (1900-present).	All Roads Lead to Rome
SOC.9-10.4.1.2.D	Emergence and development of new nations (1900-present).	Getting Civilized: Revisited
SOC.9-10.4.1.2.D	Emergence and development of new nations (1900-present).	Mycenaean Civilization
SOC.9-10.4.1.2.D	Emergence and development of new nations (1900-present).	Nationalism and Asia
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	Information and Technological Revolution
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	Mycenaean Civilization
SOC.9-10.4.1.2.E	Challenges to democracy and human rights (1945-present).	Nationalism and Asia
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	All Roads Lead to Rome
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	China's Expansion
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Getting Civilized: Revisited
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Ideology and Reforms in the Industrial Age
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Mycenaean Civilization
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Nationalism and Asia
SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Revolutions of 1848

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SOC.9-10.4.2.1	Analyzes how individuals and movements have shaped world history (1450- present).	Social and Political Reform
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	All Roads Lead to Rome
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	China's Expansion
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Getting Civilized: Revisited
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Mycenaean Civilization
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Nationalism and Asia
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Revolutions of 1848
SOC.9-10.4.2.2	Analyzes how cultures and cultural groups have shaped world history (1450- present).	Social and Political Reform
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	China's Expansion
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Establishing Agricultural Communities
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Getting Civilized: Revisited
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Information and Technological Revolution
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Mycenaean Civilization
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Nationalism and Asia
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Revolutions of 1848
SOC.9-10.4.2.3	Analyzes and evaluates how technology and ideas have shaped world history (1450-present).	Social and Political Reform
SOC.9-10.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	European Immigration
SOC.9-10.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Mycenaean Civilization
SOC.9-10.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Nationalism and Asia
SOC.9-10.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Perspectives of History
SOC.9-10.4.3.1	Analyzes and interprets historical materials from a variety of perspectives in world history (1450-present).	Project: Point of View
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	China
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	China's Expansion
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Holocaust of World War II
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Mycenaean Civilization
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Nationalism and Asia
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Revolutions of 1848

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SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Rise of the Mongol Empire
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	Social and Political Reform
SOC.9-10.4.3.2	Analyzes the multiple causal factors of conflicts in world history (1450 - present).	The Mongols' Mark on Global History
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	China's Expansion
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Mycenaean Civilization
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Nationalism and Asia
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Revolutions of 1848
SOC.9-10.4.4.1	Analyzes how an understanding of world history can help us prevent problems today.	Social and Political Reform
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	China's Expansion
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Perspectives of History
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Project: Point of View
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Revolutions of 1848
SOC.9-10.5.1.1	Analyzes consequences of positions on an issue or event.	Social and Political Reform
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	China's Expansion
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	Revolutions of 1848
SOC.9-10.5.1.2	Evaluates the precision of a position on an issue or event.	Social and Political Reform
SOC.9-10.5.2.1	Creates and uses research questions that are tied to an essential question to focus inquiry on an idea, issue, or event.	What's the Point?
SOC.9-10.5.2.2	Evaluates the validity, reliability, and credibility of sources when researching an issue or event.	Study Methods of History
SOC.9-10.5.3.1	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Perspectives of History
SOC.9-10.5.3.1	Evaluates one's own viewpoint and the viewpoints of others in the context of a discussion.	Project: Point of View
SOC.9-10.5.4.1	Evaluates multiple reasons or factors to develop a position paper or presentation.	China
SOC.9-10.5.4.1	Evaluates multiple reasons or factors to develop a position paper or presentation.	Holocaust of World War II
SOC.9-10.5.4.2	Creates strategies to avoid plagiarism and respects intellectual property when developing a paper or presentation.	Study Methods of History
Grade:	Grade 11	
Standard:	Frameworks	
Subject:	Social Studies	
Grade:	Grades: 9-10	
Section	Description	Lesson Title
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	Changes in Contemporary Society
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	China's Expansion
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	Revolutions of 1848
SOC.9-10.A.1.1	Analyze the reasons non-Europeans were unable to maintain sovereignty subsequent to European contact	Social and Political Reform

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SOC.9-10.A.1.2	Understand the rise of nation states and how they influenced world development	Economic Transformation
SOC.9-10.A.1.2	Understand the rise of nation states and how they influenced world development	European Dominance
SOC.9-10.A.1.2	Understand the rise of nation states and how they influenced world development	Mycenaean Civilization
SOC.9-10.A.1.2	Understand the rise of nation states and how they influenced world development	New Imperialism in Asia
SOC.9-10.A.1.3	Assess the role of Christianity as a factor in European expansion	Emergence of Christianity
SOC.9-10.A.1.3	Assess the role of Christianity as a factor in European expansion	European Dominance
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	Economic Transformation
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	European Dominance
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	New Imperialism in Asia
SOC.9-10.A.1.4	Understand the interrelationship between religion and governments	Who Studies History?
SOC.9-10.A.1.5	Understand the rise of nation states and how they influenced world development	Economic Transformation
SOC.9-10.A.1.5	Understand the rise of nation states and how they influenced world development	European Dominance
SOC.9-10.A.1.5	Understand the rise of nation states and how they influenced world development	Mycenaean Civilization
SOC.9-10.A.1.5	Understand the rise of nation states and how they influenced world development	New Imperialism in Asia
SOC.9-10.A.2.2	Compare and contrast the cultural centers throughout the world in their origins, development, and tendency toward aggressive expansion	Global Economics
SOC.9-10.A.2.2	Compare and contrast the cultural centers throughout the world in their origins, development, and tendency toward aggressive expansion	Rise of Imperial States in Sub-Saharan Africa
SOC.9-10.A.2.2	Compare and contrast the cultural centers throughout the world in their origins, development, and tendency toward aggressive expansion	Trading Commerce and Culture
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	Changing Religious Landscape of Europe
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	Economic Transformation
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	European Dominance
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	European Monarchies and City-States
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	New Imperialism in Asia
SOC.9-10.A.3.2	Explain the development of European dominance in world economics and wealth development after 1600	The History of Capitalism
SOC.9-10.A.3.3	Understand the interconnection of mercantilism and European expansion.	Economic Transformation
SOC.9-10.A.3.3	Understand the interconnection of mercantilism and European expansion.	European Dominance

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SOC.9-10.A.3.3	Understand the interconnection of mercantilism and European expansion.	New Imperialism in Asia
SOC.9-10.A.3.3	Understand the interconnection of mercantilism and European expansion.	Who Studies History?
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Changes in Contemporary Society
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	China's Expansion
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Economic Transformation
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	European Dominance
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	New Imperialism in Asia
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Revolutions of 1848
SOC.9-10.A.3.4	Analyze/Evaluate the positive and negative consequences of Europeans colonizing non-European civilizations	Social and Political Reform
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	China
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	European Political Transformation
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	Holocaust of World War II
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	Political Revolutions
SOC.9-10.B.1.1	Describe the basic causes, dynamics, and outcomes of major revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution)	The French Revolution
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	China
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	Holocaust of World War II
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	Rise of Imperial States in Sub-Saharan Africa
SOC.9-10.B.1.2	Compare and contrast the various Latin American independence movements with other regional movements regarding causation, process, and outcome	Trading Commerce and Culture
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	China
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	China's Expansion
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Economic Transformation
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	European Dominance

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SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Holocaust of World War II
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	New Imperialism in Asia
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Revolutions of 1848
SOC.9-10.B.1.3	Analyze the impact and significance of the Russian expansion and imperialism	Social and Political Reform
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	China
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	Encounter and Expansion in Africa
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	Holocaust of World War II
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	Rise of Imperial States in Sub-Saharan Africa
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	Slavery and Abolition
SOC.9-10.B.2.1	Trace the evolution of slavery as an institution and the significant impact on the continent and cultures of Africa	The Scramble for Africa and Independence
SOC.9-10.B.2.2	Understand the transformations of Asian cultures and governments as a result of revolution	Changing Religious Landscape of Europe
SOC.9-10.B.2.2	Understand the transformations of Asian cultures and governments as a result of revolution	Indian Independence
SOC.9-10.B.2.2	Understand the transformations of Asian cultures and governments as a result of revolution	Nationalism and Asia
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	All Roads Lead to Rome
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	Economic Transformation
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	Encounter and Expansion in Africa
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	European Dominance
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	Getting Civilized: Revisited
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	New Imperialism in Africa
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	Rise of Imperial States in Sub-Saharan Africa
SOC.9-10.B.2.3	Assess the political, cultural, and economic impact of European colonization of Africa	The Scramble for Africa and Independence
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Political Revolutions
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Revolutions of 1848
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	Rise of the Mongol Empire

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SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	The French Revolution
SOC.9-10.B.3.1	Describe the political systems that caused and resulted from various revolutions (e.g., the Glorious Revolution of England, American Revolution, French Revolution, Mexican Revolution)	The Mongols' Mark on Global History
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	China's Expansion
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Revolutions of 1848
SOC.9-10.B.4.1	Analyze the impacts of laissez-faire capitalism	Social and Political Reform
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	China's Expansion
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	Revolutions of 1848
SOC.9-10.B.4.2	Analyze the origins and impact of the introduction of non-indigenous, commercial crops in various regions	Social and Political Reform
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	All Roads Lead to Rome
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	China
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Establishing Agricultural Communities
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Getting Civilized: Revisited
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Holocaust of World War II
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Information and Technological Revolution
SOC.9-10.B.4.3	Demonstrate understanding of the inter-relationships and impact of agricultural, economic, political, and technological revolutions	Who Studies History?
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	China
SOC.9-10.B.4.4	Assess the impact on the life of people in the change from an agrarian, rural to an industrial, urban society, from subsistence to commercial agriculture	Holocaust of World War II
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	China's Expansion
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Four Turning Points
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Industrialization in England
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Revolutions of 1848
SOC.9-10.B.4.5	Analyze the effects of the Industrial Revolution in England, France, Germany, Japan, and the United States	Social and Political Reform

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SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	China's Expansion
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Consequences of the World Wars
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Global Trends to World War II
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Political Effects of World War II
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Political Revolutions
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Revoluting in Russia
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Revolutions of 1848
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Rise of the Mongol Empire
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Russia
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	Social and Political Reform

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SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	The History of Capitalism
SOC.9-10.C.1.1	Analyze the causes, course, and effects of World War I, including the role of political and economic rivalries, ethnic and ideological conflicts, domestic discontent and disorder, and propaganda and nationalism. (e.g. The Russian Revolution)	The Mongols' Mark on Global History
SOC.9-10.C.1.2	Discuss human rights violations and genocide	Holocaust of World War II
SOC.9-10.C.1.2	Discuss human rights violations and genocide	Revolutions of 1848
SOC.9-10.C.1.2	Discuss human rights violations and genocide	Rise of the Mongol Empire
SOC.9-10.C.1.2	Discuss human rights violations and genocide	The Mongols' Mark on Global History
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	China
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	Holocaust of World War II
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	Revolutions of 1848
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	Rise of the Mongol Empire
SOC.9-10.C.1.3	Understand the nature of war and its human costs on all sides of the conflict	The Mongols' Mark on Global History
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Causes of World War II
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	China
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	China's Expansion
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Holocaust of World War II
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Revolutions of 1848
SOC.9-10.C.1.4	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the causes and effects of the US's rejection of the League of Nations	Social and Political Reform
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	China's Expansion
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Consequences of the World Wars
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Political Effects of World War II
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Revolutions of 1848
SOC.9-10.C.1.5	Analyze the rise of totalitarian governments after World War I	Social and Political Reform

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SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	China's Expansion
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	China's Revolutions
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Economic Transformation
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	European Dominance
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Nationalism and Asia
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	New Imperialism in Africa
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Revolutions of 1848
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Social and Political Reform
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	South African War
SOC.9-10.C.1.6	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	The Scramble for Africa and Independence
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	China
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Economic Transformation
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	European Dominance
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Four Turning Points
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	Industrialization in England
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	New Imperialism in Asia
SOC.9-10.C.1.7	Describe the rise of industrial economies and their link to imperialism and colonialism	The History of Capitalism
SOC.9-10.C.1.8	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term responses by the people under colonial rule	Economic Transformation
SOC.9-10.C.1.8	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term responses by the people under colonial rule	European Dominance
SOC.9-10.C.1.8	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term responses by the people under colonial rule	New Imperialism in Asia

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SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Causes of World War II
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	China's Expansion
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Global Trends to World War II
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Revolutions of 1848
SOC.9-10.C.2.1	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires, the role of appeasement, nonintervention, and domestic distractions in Europe and the U.S.,	Social and Political Reform
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	China's Expansion
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Consequences of the World Wars
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Political Effects of World War II
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Postwar Reconstruction
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Revolutions of 1848
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	Social and Political Reform

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SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The Cold War
SOC.9-10.C.2.2	Analyze the consequences of World War II and subsequent international developments, including U.S. postwar policies, the Cold War, the formation of NATO, the United Nations, SEATO, OAS (also covered in U.S. History in detail)	The United Nations
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	China
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	China's Expansion
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Consequences of the World Wars
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Global Trends to World War II
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Political Effects of World War II
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Revolutions of 1848
SOC.9-10.C.3.1	Analyze the causes, course, and effects of World War I, including role of nationalism and the competition for resources and colonies.	Social and Political Reform
SOC.9-10.C.3.2	Understand the nature of war and the consequences for the environment.	Revolutions of 1848
SOC.9-10.C.3.2	Understand the nature of war and the consequences for the environment.	Rise of the Mongol Empire
SOC.9-10.C.3.2	Understand the nature of war and the consequences for the environment.	The Mongols' Mark on Global History
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Causes of World War II
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	China's Expansion
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Revolutions of 1848
SOC.9-10.C.3.3	Analyze the effects of the redrawing of national borders in the Treaty of Versailles	Social and Political Reform
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	China's Expansion
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Revolutions of 1848
SOC.9-10.C.3.4	Analyze patterns of global change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Social and Political Reform

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SOC.9-10.C.3.5	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Economic Transformation
SOC.9-10.C.3.5	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	European Dominance
SOC.9-10.C.3.5	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	New Imperialism in Asia
SOC.9-10.C.3.6	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires	Causes of World War II
SOC.9-10.C.3.6	Analyze the causes of World War II, including German, Italian, and Japanese drives for empires	Global Trends to World War II
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	China's Expansion
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Global Economics
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Nationalism in Eastern Europe
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Revolutions of 1848
SOC.9-10.C.3.7	Analyze the consequences of World War II and subsequent international developments, including geopolitical power shifts, the rise of nationalism, and the Cold War's division of the world into communist and non-communist areas.	Social and Political Reform
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	Consequences of the World Wars
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	Global Trends to World War II
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	Political Effects of World War II
SOC.9-10.C.4.1	Analyze the causes, course, and effects of World War I, including the role of economic rivalries and domestic economic unrest.	The History of Capitalism
SOC.9-10.C.4.2	Understand the nature of war and its economic costs on all sides of the conflict	Revolutions of 1848
SOC.9-10.C.4.2	Understand the nature of war and its economic costs on all sides of the conflict	Rise of the Mongol Empire
SOC.9-10.C.4.2	Understand the nature of war and its economic costs on all sides of the conflict	The Mongols' Mark on Global History

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SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	All Roads Lead to Rome
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Causes of World War II
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	China
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	China's Expansion
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Getting Civilized: Revisited
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Holocaust of World War II
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Revolutions of 1848
SOC.9-10.C.4.3	Analyze the influence of the Treaty of Versailles, Wilson's Fourteen Points, and the economic causes and effects of the US's rejection of the League of Nations	Social and Political Reform
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	China's Expansion
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Consequences of the World Wars
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Political Effects of World War II
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Revolutions of 1848
SOC.9-10.C.4.4	Analyze the economic factors that contributed to the rise of totalitarian governments after World War I	Social and Political Reform
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	China's Expansion
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Economic Transformation
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	European Dominance
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Revolutions of 1848
SOC.9-10.C.4.5	Analyze patterns of global economic change in the era of New Imperialism in Africa, Southeast Asia, China, India, Latin America, and the Philippines	Social and Political Reform
SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	China
SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	Economic Transformation

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SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	European Dominance
SOC.9-10.C.4.6	Describe the rise of industrial economies and their link to imperialism and colonialism	The History of Capitalism
SOC.9-10.C.4.7	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	Economic Transformation
SOC.9-10.C.4.7	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	European Dominance
SOC.9-10.C.4.7	Explain imperialism from the perspective of the colonizers and the colonized and the varied immediate and long-term	New Imperialism in Asia
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Causes of World War II
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	China's Expansion
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Global Trends to World War II
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Revolutions of 1848
SOC.9-10.C.4.8	Analyze the economic factors that contributed to the start of World War II, including German, Italian, and Japanese drives for empires and domestic distractions in Europe and the U.S.	Social and Political Reform
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	All Roads Lead to Rome
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	China's Expansion
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Consequences of the World Wars
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Getting Civilized: Revisited
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Political Effects of World War II
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Revolutions of 1848

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SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	Social and Political Reform
SOC.9-10.C.4.9	Analyze the economic consequences of World War II and subsequent international developments, including the costs of the war, economic power shifts, U.S. postwar policies, the Cold War	The Cold War
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	China
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	Holocaust of World War II
SOC.9-10.D.1.1	Understand the causes and consequences of the reoccurrence of genocide in history	Mycenaean Civilization
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	China
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	China's Expansion
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Crisis of the Black Death
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Holocaust of World War II
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Pandemics of the World
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Revolutions of 1848
SOC.9-10.D.1.2	Analyze the causes, consequences and implications of famines, and pandemics	Social and Political Reform
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	China
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	China's Expansion
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Holocaust of World War II
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Information and Technological Revolution
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Revolutions of 1848
SOC.9-10.D.1.3	Analyze the impact of religion and secularism on democracy and human rights	Social and Political Reform
SOC.9-10.D.1.5	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Information and Technological Revolution
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	China
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	Holocaust of World War II
SOC.9-10.D.2.1	Understand the causes and consequences of the reoccurrence of genocide in history	Mycenaean Civilization
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	China
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	China's Expansion
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Crisis of the Black Death

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SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Holocaust of World War II
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Revolutions of 1848
SOC.9-10.D.2.2	Analyze the causes, consequences and implications of famines, and pandemics	Social and Political Reform
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	China
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	Holocaust of World War II
SOC.9-10.D.3.1	Understand the political causes and consequences of the reoccurrence of genocide in history	Mycenaean Civilization
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	China
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	China's Expansion
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Holocaust of World War II
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Information and Technological Revolution
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Revolutions of 1848
SOC.9-10.D.3.2	Analyze the impact of religion and secularism on democracy and human rights	Social and Political Reform
SOC.9-10.D.3.3	Assess the progress of human and civil rights around the world since the 1948 UN Declaration of Human Rights	Information and Technological Revolution
SOC.9-10.D.3.4	Examine the impact of participation in international political bodies	China
SOC.9-10.D.3.4	Examine the impact of participation in international political bodies	Holocaust of World War II
SOC.9-10.D.4.1	Understand the economic causes and consequences of the reoccurrence of genocide in history	China
SOC.9-10.D.4.1	Understand the economic causes and consequences of the reoccurrence of genocide in history	Holocaust of World War II
SOC.9-10.D.4.1	Understand the economic causes and consequences of the reoccurrence of genocide in history	Mycenaean Civilization
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	China
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	China's Expansion
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Crisis of the Black Death
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Holocaust of World War II
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Revolutions of 1848
SOC.9-10.D.4.2	Analyze the economic causes, consequences and implications of famines, and pandemics	Social and Political Reform
SOC.9-10.D.4.4	Examine the impact of participation in international political bodies	China
SOC.9-10.D.4.4	Examine the impact of participation in international political bodies	Holocaust of World War II
SOC.9-10.E.1.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	Indian Independence

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SOC.9-10.E.1.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	Nationalism and Asia
SOC.9-10.E.1.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	South African War
SOC.9-10.E.1.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	The Scramble for Africa and Independence
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	China's Expansion
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Chinese Transformations of the 1920-1930s
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Political Revolutions
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Revolutions of 1848
SOC.9-10.E.1.2	Analyze the role of political revolutions in reshaping countries (e.g. The Chinese Revolution)	Social and Political Reform
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Global Economics
SOC.9-10.E.1.3	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Information and Technological Revolution
SOC.9-10.E.1.4	Understand the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	The History of Capitalism
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Global Economics
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Nation-States
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Rise of Imperial States in Sub-Saharan Africa
SOC.9-10.E.1.5	Compare and contrast the advantages and disadvantages of globalization to countries , regions, and people with different cultural and economic advantages	Trading Commerce and Culture
SOC.9-10.E.2.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	Indian Independence
SOC.9-10.E.2.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	Nationalism and Asia
SOC.9-10.E.2.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	South African War
SOC.9-10.E.2.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	The Scramble for Africa and Independence
SOC.9-10.E.2.2	Assess the difficulties of newly emerging countries in a changing political world	Global Economics
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Global Economics
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Nation-States
SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Rise of Imperial States in Sub-Saharan Africa

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SOC.9-10.E.2.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Trading Commerce and Culture
SOC.9-10.E.3.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	Indian Independence
SOC.9-10.E.3.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	Nationalism and Asia
SOC.9-10.E.3.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	South African War
SOC.9-10.E.3.1	Explain how African, Asian, and Caribbean peoples achieved independence from European colonial rule	The Scramble for Africa and Independence
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Global Economics
SOC.9-10.E.3.2	Assess the difficulties of newly emerging countries in a changing economic, environmental, and political world	Information and Technological Revolution
SOC.9-10.E.3.3	Explain the mechanisms and nature of inter-dependence of local, regions, and nations in world culture and economy	The History of Capitalism
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Global Economics
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Information and Technological Revolution
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Nation-States
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Rise of Imperial States in Sub-Saharan Africa
SOC.9-10.E.3.4	Compare and contrast the environmental advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Trading Commerce and Culture
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	China's Expansion
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Global Economics
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Revolutions of 1848
SOC.9-10.E.4.1	Analyze the various strategies new African, Asian, and Caribbean nations have used to develop economically (e.g. export-led growth, import substitution)	Social and Political Reform
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	All Roads Lead to Rome
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	Getting Civilized: Revisited
SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	Global Economics

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SOC.9-10.E.4.2	Assess the economic difficulties of newly emerging countries in a changing economic, environmental, and political world (e.g. foreign debt)	Information and Technological Revolution
SOC.9-10.E.4.3	Explain the mechanisms and nature of economic inter-dependence of local, regions, and nations in a world economy	The History of Capitalism
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Global Economics
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Information and Technological Revolution
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Nation-States
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Rise of Imperial States in Sub-Saharan Africa
SOC.9-10.E.4.4	Compare and contrast the advantages and disadvantages of globalization to countries, regions, and people with different cultural and economic advantages	Trading Commerce and Culture