

California Common Core Standards 5th Grade	Earthschooling
Language Standards	
Conventions of Standard English	
<p>1. Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.</p> <p>a. Explain the function of conjunctions, prepositions, and interjections in general and their function in particular sentences.</p> <p>b. Form and use the perfect (e.g., I had walked; I have walked; I will have walked) verb tenses.</p> <p>c. Use verb tense to convey various times, sequences, states, and conditions.</p> <p>d. Recognize and correct inappropriate shifts in verb tense.*</p> <p>e. Use correlative conjunctions (e.g., either/or, neither/nor).</p> <p>2. Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</p> <p>a. Use punctuation to separate items in a series.*</p> <p>b. Use a comma to separate an introductory element from the rest of the sentence.</p> <p>c. Use a comma to set off the words yes and no (e.g., Yes, thank you), to set off a tag question from the rest of the sentence (e.g., It’s true, isn’t it?), and to indicate direct address (e.g., Is that you, Steve?).</p> <p>d. Use underlining, quotation marks, or italics to indicate titles of works.</p> <p>e. Spell grade-appropriate words correctly, consulting references as needed.</p>	<p>Fifth Grade Language Block: Grammar</p> <p>Fifth Grade Language Block: Sentence Diagramming</p> <p>Fifth Grade Language Block: Short Stories and Essays</p> <p>Fifth Grade Language Main Lesson Book Sample by Hannah</p>
Knowledge of Language	
<p>3. Use knowledge of language and its conventions when writing, speaking, reading, or listening.</p> <p>a. Expand, combine, and reduce sentences for meaning, reader/listener interest, and style.</p> <p>b. Compare and contrast the varieties of English (e.g., dialects, registers) used in stories, dramas, or poems.</p>	<p>Fifth Grade Language Block: Grammar</p> <p>Fifth Grade Language Block: Short Stories and Essays</p> <p>Fifth Grade Language Main Lesson Book Sample by Hannah</p> <p>Ancient Greek History Block: Greek Stories for Plays</p>

Vocabulary Acquisition and Use	
<p>4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.</p>	<p>Fifth Grade Language Block: Short Stories and Essays</p>
<p>a. Use context (e.g., cause/effect relationships and comparisons in text) as a clue to the meaning of a word or phrase.</p>	<p>Persian History Block: Part One: The Epic of Kings</p>
<p>b. Use common, grade-appropriate Greek and Latin affixes and roots as clues to the meaning of a word (e.g., photograph, photosynthesis).</p>	<p>Persian History Block: Part Two: The Epic of Kings: Part Two</p>
<p>c. Consult reference materials (e.g., dictionaries, glossaries, thesauruses), both print and digital, to find the pronunciation and determine or clarify the precise meaning of key words and phrases and to identify alternate word choices in all content areas.</p>	<p>Persian History Block: Part Three: The Myth of Zarathustra</p>
<p>5. Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.</p>	<p>Persian History Block: Part Four: The Biography of Avicenna</p>
<p>a. Interpret figurative language, including similes and metaphors, in context.</p>	<p>Ancient Indian History Block: Part Two: Buddhist Story Collection</p>
<p>b. Recognize and explain the meaning of common idioms, adages, and proverbs.</p>	<p>Ancient Indian History Block: Part Three: Biography of Buddha</p>
<p>c. Use the relationship between particular words (e.g., synonyms, antonyms, homographs) to better understand each of the words.</p>	<p>Ancient Indian History Block: Part Four: The Ramayana</p>
<p>6. Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships (e.g., however, although, nevertheless, similarly, moreover, in addition).</p>	<p>Ancient Indian History Block: Part Five: The Bhagavad Gita</p>
	<p>Ancient Indian History Block: Optional: The Life of Buddha (Extra Reading)</p>
	<p>Ancient Greek History Block: Timaeus and Critias</p>
	<p>Ancient Greek History Block: The Frogs by Arisophanes</p>
	<p>Ancient Greek History Block: Greek Stories for Plays</p>
	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
	<p>Fifth Grade Geography Lessons: Ben’s Nugget</p>
	<p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p>

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	<p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden's Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
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California Common Core Standards 5th Grade	Earthschooling
<i>Speaking and Listening Standards</i>	
Comprehension and Collaboration	
<p>1. Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on grade 5 topics and texts, building on others’ ideas and expressing their own clearly.</p> <p>a. Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.</p> <p>b. Follow agreed-upon rules for discussions and carry out assigned roles.</p> <p>c. Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.</p> <p>d. Review the key ideas expressed and draw conclusions in light of information and knowledge gained from the discussions.</p>	<p>Persian History Block: Activity Set Three: The Persian Market: Guide</p> <p>Persian History Block: Activity Set Three: The Persian Market: Video One</p> <p>Persian History Block: Activity Set Three: The Persian Market: Video Two</p> <p>Persian History Block: Activity Set Three: The Persian Market: Video Three</p> <p>Persian History Block: Activity Set Three: The Persian Market: Video Four</p> <p>Persian History Block: Persian Money for Use with Market</p>
<p>2. Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.</p> <p>3. Summarize the points a speaker or media source makes and explain how each claim is supported by reasons and evidence, and identify and analyze any logical fallacies.</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>

Presentation of Knowledge and Ideas	
<p>4. Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.</p> <p>a. Plan and deliver an opinion speech that: states an opinion, logically sequences evidence to support the speaker’s position, uses transition words to effectively link opinions and evidence (e.g., consequently, and therefore), and provides a concluding statement related to the speaker’s position.</p> <p>b. Memorize and recite a poem or section of a speech or historical document using rate, expression, and gestures appropriate to the selection.</p> <p>5. Include multimedia components (e.g., graphics, sound) and visual displays in presentations when appropriate to enhance the development of main ideas or themes.</p> <p>6. Adapt speech to a variety of contexts and tasks, using formal English when appropriate to task and situation. (See grade 5 Language standards 1 and 3 for specific expectations.)</p>	<p>Ancient Indian History Block: Verses from India Ancient Greek History Block: Greek Stories for Plays</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>

California Common Core Standards 5th Grade	Earthschooling
<i>Reading Standards for Literature</i>	
Key Ideas and Details	
<p>1. Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.</p> <p>2. Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.</p> <p>3. Compare and contrast two or more characters, settings, or events in a story or drama, drawing on specific details in the text (e.g., how characters interact).</p>	<p>Fifth Grade Language Block: Short Stories and Essays</p> <p>Persian History Block: Part One: The Epic of Kings</p> <p>Persian History Block: Part Two: The Epic of Kings: Part Two</p> <p>Persian History Block: Part Three: The Myth of Zarathustra</p> <p>Persian History Block: Part Four: The Biography of Avicenna</p> <p>Ancient Indian History Block: Part Two: Buddhist Story Collection</p> <p>Ancient Indian History Block: Part Three: Biography of Buddha</p> <p>Ancient Indian History Block: Part Four: The Ramayana</p> <p>Ancient Indian History Block: Part Five: The Bhagavad Gita</p> <p>Ancient Indian History Block: Optional: The Life of Buddha (Extra Reading)</p> <p>Ancient Greek History Block: Timaeus and Critias</p> <p>Ancient Greek History Block: The Frogs by Arisophanes</p> <p>Ancient Greek History Block: Greek Stories for Plays</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: Ben’s Nugget</p>

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	<p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
<p>Craft and Structure</p>	
<p>4. Determine the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes. (See grade 5 Language standards 4–6 for additional expectations.)</p> <p>5. Explain how a series of chapters, scenes, or stanzas fits together to provide the overall structure of a particular story, drama, or poem.</p> <p>6. Describe how a narrator’s or speaker’s point of view influences how events are described.</p>	<p>Fifth Grade Language Block: Short Stories and Essays</p> <p>Persian History Block: Part One: The Epic of Kings</p> <p>Persian History Block: Part Two: The Epic of Kings: Part Two</p> <p>Persian History Block: Part Three: The Myth of Zarathustra</p> <p>Ancient Indian History Block: Part Two: Buddhist Story Collection</p> <p>Ancient Indian History Block: Part Four: The Ramayana</p> <p>Ancient Indian History Block: Part Five: The Bhagavad Gita</p> <p>Ancient Indian History Block: Optional: The Life of Buddha (Extra Reading)</p> <p>Ancient Greek History Block: Timaeus and Critias</p> <p>Ancient Greek History Block: The Frogs by Aristophanes</p>

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	<p>Ancient Greek History Block: Greek Stories for Plays</p> <p>Fifth Grade Geography Lessons: Ben’s Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
<p>Integration of Knowledge and Ideas</p>	
<p>7. Analyze how visual and multimedia elements contribute to the meaning, tone, or beauty of a text (e.g., graphic novel, multimedia presentation of fiction, folktale, myth, poem).</p> <p>8. (Not applicable to literature)</p> <p>9. Compare and contrast stories in the same genre (e.g., mysteries and adventure stories) on their approaches to similar themes and topics.</p>	<p>Persian History Block: Part One: The Epic of Kings</p> <p>Persian History Block: Part Two: The Epic of Kings: Part Two</p> <p>Persian History Block: Part Three: The Myth of Zarathustra</p> <p>Ancient Indian History Block: Part Two: Buddhist Story Collection</p> <p>Ancient Indian History Block: Part Four: The Ramayana</p> <p>Ancient Indian History Block: Part Five: The Bhagavad Gita</p> <p>Ancient Indian History Block: Optional: The Life of Buddha (Extra Reading)</p> <p>Ancient Greek History Block: Timaeus and Critias</p>

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	<p>Ancient Greek History Block: The Frogs by Arisophanes</p> <p>Ancient Greek History Block: Greek Stories for Plays</p> <p>Fifth Grade Geography Lessons: Ben’s Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
<p>Range of Reading and Level of Text Complexity</p> <p>10. By the end of the year, read and comprehend literature, including stories, dramas, and poetry, at the high end of the grades 4–5 text complexity band independently and proficiently.</p>	<p>Fifth Grade Language Block: Short Stories and Essays</p> <p>Persian History Block: Part One: The Epic of Kings</p> <p>Persian History Block: Part Two: The Epic of Kings: Part Two</p> <p>Persian History Block: Part Three: The Myth of Zarathustra</p> <p>Persian History Block: Part Four: The Biography of Avicenna</p> <p>Ancient Indian History Block: Part Two: Buddhist Story Collection</p>

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	<p>Ancient Indian History Block: Part Three: Biography of Buddha</p> <p>Ancient Indian History Block: Part Four: The Ramayana</p> <p>Ancient Indian History Block: Part Five: The Bhagavad Gita</p> <p>Ancient Indian History Block: Optional: The Life of Buddha (Extra Reading)</p> <p>Ancient Greek History Block: Timaeus and Critias Ancient Greek History Block: The Frogs by Arisophanes</p> <p>Ancient Greek History Block: Greek Stories for Plays</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: Ben's Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca's Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden's Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
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California Common Core Standards 5th Grade	Earthschooling
<i>Reading Standards for Informational Text</i>	
Key Ideas and Details	
<p>1. Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.</p> <p>2. Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.</p> <p>3. Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.</p>	<p>Persian History Block: Part Four: The Biography of Avicenna</p> <p>Ancient Indian History Block: Part Three: Biography of Buddha</p> <p>Ancient Greek History Block: Part One through Part Eight</p> <p>Ancient Egypt History Block: Part One through Part Six</p> <p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Botany Main Lesson Block: Part Two: Herbs for Kids Two</p> <p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: Ben’s Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p>

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	<p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
<p>Craft and Structure</p>	
<p>4. Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area. (See grade 5 Language standards 4–6 for additional expectations.)</p> <p>5. Compare and contrast the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in two or more texts.</p> <p>6. Analyze multiple accounts of the same event or topic, noting important similarities and differences in the point of view they represent.</p>	<p>Persian History Block: Part Four: The Biography of Avicenna</p> <p>Ancient Indian History Block: Part Three: Biography of Buddha</p> <p>Ancient Greek History Block: Part One through Part Eight</p> <p>Ancient Egypt History Block: Part One through Part Six</p> <p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Botany Main Lesson Block: Part Two: Herbs for Kids Two</p> <p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p>

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	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: Ben’s Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
<p>Integration of Knowledge and Ideas</p>	
<p>7. Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.</p> <p>8. Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).</p> <p>9. Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.</p>	<p>Ancient Greek History Block: Part One through Part Eight</p> <p>Ancient Egypt History Block: Part One through Part Six</p> <p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Botany Main Lesson Block: Part Two: Herbs for Kids Two</p> <p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p>

Grade 5 Common Core Standards for California

	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: Ben’s Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p>
<p>Range of Reading and Level of Text Complexity</p>	
<p>10. By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 4–5 text complexity band independently and proficiently</p>	<p>Persian History Block: Part Four: The Biography of Avicenna</p> <p>Ancient Indian History Block: Part Three: Biography of Buddha</p> <p>Ancient Greek History Block: Part One through Part Eight</p> <p>Ancient Egypt History Block: Part One through Part Six</p> <p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Botany Main Lesson Block: Part Two: Herbs for Kids Two</p> <p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p>

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	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: Ben's Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca's Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden's Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>
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California Common Core Standards 5th Grade	Earthschooling
<i>Reading Standards for Foundational Skills</i>	
Phonics and Word Recognition	
<p>3. Know and apply grade-level phonics and word analysis skills in decoding words.</p> <p>a. Use combined knowledge of all letter sound correspondences, syllabication patterns, and morphology (e.g., roots and affixes) to read accurately unfamiliar multisyllabic words in context and out of context.</p>	<p>Persian History Block: Part One: The Epic of Kings</p> <p>Persian History Block: Part Two: The Epic of Kings: Part Two</p> <p>Ancient Indian History Block: Part Four: The Ramayana</p> <p>Ancient Indian History Block: Part Five: The Bhagavad Gita</p> <p>Ancient Greek History Block: Timaeus and Critias</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p>
Fluency	
<p>4. Read with sufficient accuracy and fluency to support comprehension.</p> <p>a. Read on-level text with purpose and understanding.</p> <p>b. Read on-level prose and poetry orally with accuracy, appropriate rate, and expression on successive readings.</p> <p>c. Use context to confirm or self-correct word recognition and understanding, rereading as necessary.</p>	<p>Persian History Block: Part One: The Epic of Kings</p> <p>Persian History Block: Part Two: The Epic of Kings: Part Two</p> <p>Ancient Indian History Block: Part Four: The Ramayana</p> <p>Ancient Indian History Block: Part Five: The Bhagavad Gita</p> <p>Ancient Greek History Block: Timaeus and Critias</p>

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	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden's Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p>
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California Common Core Standards 5th Grade	Earthschooling
<i>Writing Standards</i>	
Text Types and Purposes	
<p>1. Write opinion pieces on topics or texts, supporting a point of view with reasons and information.</p> <p>a. Introduce a topic or text clearly, state an opinion, and create an organizational structure in which ideas are logically grouped to support the writer’s purpose.</p> <p>b. Provide logically ordered reasons that are supported by facts and details.</p> <p>c. Link opinion and reasons using words, phrases, and clauses (e.g., consequently, specifically).</p> <p>d. Provide a concluding statement or section related to the opinion presented.</p>	<p>Hannah’s Main Lesson Book: Ancient Cultures</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Language Main Lesson Book Sample by Hannah</p>
<p>2. Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p> <p>a. Introduce a topic clearly, provide a general observation and focus, and group related information logically; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.</p> <p>b. Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.</p> <p>c. Link ideas within and across categories of information using words, phrases, and clauses (e.g., in contrast, especially).</p> <p>d. Use precise language and domain-specific vocabulary to inform about or explain the topic.</p> <p>e. Provide a concluding statement or section related to the information or explanation presented.</p>	<p>Hannah’s Main Lesson Book: Ancient Cultures</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p> <p>Fifth Grade Geography Main Lesson Book Samples by Hannah</p>
<p>3. Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.</p> <p>a. Orient the reader by establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.</p> <p>b. Use narrative techniques, such as dialogue, description, and pacing, to develop experiences and events or show the responses of characters to situations.</p>	<p>Hannah’s Main Lesson Book: Ancient Cultures</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p>

<p>c. Use a variety of transitional words, phrases, and clauses to manage the sequence of events.</p> <p>d. Use concrete words and phrases and sensory details to convey experiences and events precisely.</p> <p>e. Provide a conclusion that follows from the narrated experiences or events.</p>	<p>Fifth Grade Language Main Lesson Book Sample by Hannah</p>
<p>Production and Distribution of Writing</p>	
<p>4. Produce clear and coherent writing (including multiple paragraph texts) in which the development and organization are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in standards 1–3 above.)</p> <p>5. With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach. (Editing for conventions should demonstrate command of Language standards 1–3 up to and including grade 5.)</p> <p>6. With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of two pages in a single sitting.</p>	<p>Hannah’s Main Lesson Book: Ancient Cultures</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Fifth Grade Geography Main Lesson Book Samples by Hannah</p> <p>Fifth Grade Language Main Lesson Book Sample by Hannah</p>
<p>Research to Build and Present Knowledge</p>	
<p>7. Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.</p> <p>8. Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of source.</p> <p>9. Draw evidence from literary or informational texts to support analysis, reflection, and research.</p> <p>a. Apply grade 5 Reading standards to literature (e.g., “Compare and contrast two or more characters, settings, or events in a story or a drama, drawing on specific details in the text [e.g., how characters interact]”).</p> <p>b. Apply grade 5 Reading standards to informational texts (e.g., “Explain how an author uses reasons and</p>	<p>Ancient Greek History Block: Part One through Part Eight</p> <p>Ancient Egypt History Block: Part One through Part Six</p> <p>Botany Main Lesson Block: Part Two: Herbs for Kids Two</p> <p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Leaf Shapes Reference Chart</p> <p>Botany Main Lesson Book Sample by Hannah</p>

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<p>evidence to support particular points in a text, identifying which reasons and evidence support which point[s]”.</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
<p>Range of Writing</p>	
<p>10. Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.</p>	<p>Hannah’s Main Lesson Book: Ancient Cultures</p> <p>Botany Main Lesson Book Sample by Hannah</p> <p>Fifth Grade Geography Main Lesson Book Samples by Hannah</p> <p>Fifth Grade Language Main Lesson Book Sample by Hannah</p>

California Common Core Standards 5th Grade	Earthschooling
<i>Operations and Algebraic Thinking 5.OA</i>	
Write and interpret numerical expressions.	
<p>1. Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.</p>	<p>Fifth Grade Adding Negative Numbers</p> <p>Fifth Grade Subtracting Negative Numbers</p>
<p>2. Write simple expressions that record calculations with numbers and interpret numerical expressions without evaluating them. For example, express the calculation “add 8 and 7, then multiply by 2” as $2 \times (8 + 7)$. Recognize that $3 \times (18932 + 921)$ is three times as large as $18932 + 921$, without having to calculate the indicated sum or product.</p>	<p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Math Main Lesson Book: Math Skills Through Sewing</p> <p>Fifth Grade Rounding Decimals to a Whole Number</p> <p>Fifth Grade Comparing Decimals</p> <p>Fifth Grade Adding Negative Numbers</p> <p>Fifth Grade Subtracting Negative Numbers</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Volume of Cylinders (Advanced Only)</p> <p>Fifth Grade Volume of Triangular Prisms (Advanced Only)</p> <p>Fifth Grade Measurements (And Conversion from and to Metric): Optional</p> <p>Fifth Grade Ratio Problems</p>
<p>2.1 Express a whole number in the range 2–50 as a product of its prime factors. For example, find the prime factors of 24 and express 24 as $2 \times 2 \times 2 \times 3$.</p>	<p>Math Main Lesson Book: Ancient Indian Numbering & Math in History</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Word Problems</p>

Analyze patterns and relationships	
<p>3. Generate two numerical patterns using two given rules. Identify apparent relationships between corresponding terms. Form ordered pairs consisting of corresponding terms from the two patterns and graph the ordered pairs on a coordinate plane. For example, given the rule “Add 3” and the starting number 0, and given the rule “Add 6” and the starting number 0, generate terms in the resulting sequences, and observe that the terms in one sequence are twice the corresponding terms in the other sequence. Explain informally why this is so.</p>	<p>Math Main Lesson Book: Ancient Indian Numbering & Math in History</p> <p>Math Main Lesson Book: Math Skills Through Sewing</p> <p>Fifth Grade Working with Charts and Graphs (Statistics Practice: Advanced Only)</p> <p>Fifth Grade Ratio Problems</p> <p>Fifth Grade Word Problems</p>

California Common Core Standards 5th Grade	Earthschooling
<i>Number and Operations in Base Ten 5.NBT</i>	
Understand place value.	
<p>1. Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.</p> <p>2. Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.</p> <p>3. Read, write, and compare decimals to thousandths. a. Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$. b. Compare two decimals to thousandths based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparison.</p> <p>4. Use place value understanding to round decimals to any place.</p>	<p>Fifth Grade Rounding Decimals to a Whole Number</p> <p>Fifth Grade Comparing Decimals</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Ratio Problems</p> <p>Fifth Grade Decimal Activities</p> <p>Fifth Grade Word Problems</p>
Use place value understanding and properties of operations to add and subtract	
<p>5. Fluently multiply multi-digit whole numbers using the standard algorithm.</p> <p>6. Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area model.</p>	<p>Math Main Lesson Book: Ancient Indian Numbering & Math in History</p> <p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Volume of Cylinders (Advanced Only)</p> <p>Fifth Grade Volume of Triangular Prisms (Advanced Only)</p> <p>Fifth Grade Word Problems</p>

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<p>7. Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.</p>	<p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Fifth Grade Rounding Decimals to a Whole Number</p> <p>Fifth Grade Comparing Decimals</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Decimal Activities</p>
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California Common Core Standards 5th Grade	Earthschooling
<i>Number and Operations—Fractions 5.NF</i>	
Use equivalent fractions as a strategy to add and subtract fractions.	
<p>1. Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, $2/3 + 5/4 = 8/12 + 15/12 = 23/12$. (In general, $a/b + c/d = (ad + bc)/bd$.)</p> <p>2. Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result $2/5 + 1/2 = 3/7$, by observing that $3/7 < 1/2$.</p>	<p>Math Main Lesson Book: Math Skills Through Sewing</p> <p>Fifth Grade Comparing Decimals</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Volume of Cylinders (Advanced Only)</p> <p>Fifth Grade Volume of Triangular Prisms (Advanced Only)</p> <p>Fifth Grade Measurements (And Conversion from and to Metric): Optional</p>
Apply and extend previous understandings of multiplication and division to multiply and divide fractions.	
<p>3. Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. For example, interpret $3/4$ as the result of dividing 3 by 4, noting that $3/4$ multiplied by 4 equals 3, and that when 3 wholes are shared equally among 4 people each person has a share of size $3/4$. If 9 people want to share a 50-pound sack of rice equally by weight, how many pounds of rice should each person get? Between what two whole numbers does your answer lie?</p> <p>4. Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.</p> <p>a. Interpret the product $(a/b) \times q$ as a part of a partition of q into b equal parts; equivalently, as the result of a sequence of operations $a \times q \div b$. For example, use a visual fraction model to show $(2/3) \times 4 = 8/3$, and create a story context for this</p>	<p>Math Main Lesson Book: Ancient Indian Numbering & Math in History</p> <p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Math Main Lesson Book: Math Skills Through Sewing</p> <p>Fifth Grade Comparing Decimals</p> <p>Fifth Grade Adding Negative Numbers</p> <p>Fifth Grade Subtracting Negative Numbers</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Volume of Cylinders (Advanced Only)</p>

<p>equation. Do the same with $(2/3) \times (4/5) = 8/15$. (In general, $(a/b) \times (c/d) = ac/bd$.)</p> <p>b. Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles and represent fraction products as rectangular area.</p> <p>5. Interpret multiplication as scaling (resizing), by:</p> <p>a. Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication.</p> <p>b. Explaining why multiplying a given number by a fraction greater than 1 results in a product greater than the given number (recognizing multiplication by whole numbers greater than 1 as a familiar case); explaining why multiplying a given number by a fraction less than 1 results in a product smaller than the given number; relating the principle of fraction equivalence $a/b = (n \times a)/(n \times b)$ to the effect of multiplying a/b by 1.</p> <p>6. Solve real-world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problems.</p> <p>7. Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions.</p> <p>a. Interpret division of a unit fraction by a non zero whole number and compute such quotients. For example, create a story context for $(1/3) \div 4$, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that $(1/3) \div 4 = 1/12$ because $(1/12) \times 4 = 1/3$.</p> <p>b. Interpret division of a whole number by a unit fraction, and compute such quotients. For example, create a story context for $4 \div (1/5)$, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that $4 \div (1/5) = 20$ because $20 \times (1/5) = 4$.</p>	<p>Fifth Grade Volume of Triangular Prisms (Advanced Only)</p> <p>Fifth Grade Ratio Problems</p> <p>Fifth Grade Decimal Activities</p> <p>Fifth Grade Word Problems</p>
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<p>c. Solve real-world problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem. For example, how much chocolate will each person get if 3 people share $\frac{1}{2}$ lb of chocolate equally? How many $\frac{1}{3}$-cup servings are in 2 cups of raisins?</p>	
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California Common Core Standards 5th Grade	Earthschooling
<i>Measurement and Data 5.MD</i>	
Convert like measurement units within a given measurement system.	
<p>1. Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.</p>	<p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Fifth Grade Comparing Decimals</p> <p>Fifth Grade Measurements (And Conversion from and to Metric): Optional</p> <p>Fifth Grade Ratio Problems</p> <p>Fifth Grade Decimal Activities</p>
Represent and interpret data.	
<p>2. Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$). Use operations on fractions for this grade to solve problems involving information presented in line plots. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally</p>	<p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Fifth Grade Working with Charts and Graphs (Statistics Practice: Advanced Only)</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Measurements (And Conversion from and to Metric): Optional</p> <p>Fifth Grade Ratio Problems</p> <p>Fifth Grade Word Problems</p>
Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.	
<p>3. Recognize volume as an attribute of solid figures and understand concepts of volume measurement.</p> <p>a. A cube with side length 1 unit, called a “unit cube,” is said to have “one cubic unit” of volume, and can be used to measure volume.</p> <p>b. A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units.</p> <p>4. Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.</p>	<p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Fifth Grade Multiplication Word Problems</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Volume of Cylinders (Advanced Only)</p> <p>Fifth Grade Volume of Triangular Prisms (Advanced Only)</p>

<p>5. Relate volume to the operations of multiplication and addition and solve real-world and mathematical problems involving volume.</p> <p>a. Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base. Represent threefold whole number products as volumes, e.g., to represent the associative property of multiplication.</p> <p>b. Apply the formulas $V = l \times w \times h$ and $V = b \times h$ for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real-world and mathematical problems.</p> <p>c. Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real-world problems.</p>	<p>Fifth Grade Measurements (And Conversion from and to Metric): Optional</p> <p>Fifth Grade Ratio Problems</p> <p>Fifth Grade Decimal Activities</p> <p>Fifth Grade Word Problems</p>
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California Common Core Standards 5th Grade	Earthschooling
<i>Geometry 5.G</i>	
Graph points on the coordinate plane to solve real-world and mathematical problems.	
<p>1. Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis, and the second number indicates how far to travel in the direction of the second axis, with the convention that the names of the two axes and the coordinates correspond (e.g., x-axis and x-coordinate, y-axis and y-coordinate).</p> <p>2. Represent real-world and mathematical problems by graphing points in the first quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.</p>	<p>Math Main Lesson Book: Math Skills Through Sewing</p> <p>Fifth Grade Working with Charts and Graphs (Statistics Practice: Advanced Only)</p> <p>Fifth Grade Measurements (And Conversion from and to Metric): Optional</p> <p>Fifth Grade Word Problems</p>
Classify two-dimensional figures into categories based on their properties.	
<p>3. Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. For example, all rectangles have four right angles and squares are rectangles, so all squares have four right angles.</p> <p>4. Classify two-dimensional figures in a hierarchy based on properties.</p>	<p>Math Main Lesson Book: Math Lessons & Geometry</p> <p>Math Main Lesson Book: Math Skills Through Sewing</p> <p>Fifth Grade Volume of Rectangular Prisms (Basic G5)</p> <p>Fifth Grade Volume of Cylinders (Advanced Only)</p> <p>Fifth Grade Volume of Triangular Prisms (Advanced Only)</p> <p>Fifth Grade Measurements (And Conversion from and to Metric): Optional</p> <p>Form Drawing Main Lesson Book Sample by Hannah</p> <p>Art Main Lesson Block: Window Stars</p> <p>Handwork Main Lesson Book Sample by Hannah</p>

California Common Core Standards 5th Grade	Earthschooling
United States History and Geography: Making a New Nation	
5.1 Students describe the major pre-Columbian settlements, including the cliff dwellers and pueblo people of the desert Southwest, the American Indians of the Pacific Northwest, the nomadic nations of the Great Plains, and the woodland peoples east of the Mississippi River.	
<p>1. Describe how geography and climate influenced the way various nations lived and adjusted to the natural environment, including locations of villages, the distinct structures that they built, and how they obtained food, clothing, tools, and utensils.</p> <p>2. Describe their varied customs and folklore traditions.</p> <p>3. Explain their varied economies and systems of government.</p>	<p>My Waldorf Year for the Northern Hemisphere</p> <p>Persian History Blocks</p> <p>Ancient Indian History Blocks</p> <p>Ancient Greek History Blocks</p> <p>Ancient Egyptian History Blocks</p> <p>Fifth Grade Geography Lessons: Guide & Main Lessons</p> <p>Fifth Grade Geography Main Lesson Book Samples by Hannah</p> <p>Fifth Grade Geography Lessons: Ben’s Nugget</p> <p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: Madoc by Robert Southey</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p> <p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>Fifth Grade Geography Lessons: Walden by Thoreau</p>

<p>5.2 Students trace the routes of early explorers and describe the early explorations of the Americas.</p>	
<p>1. Describe the entrepreneurial characteristics of early explorers (e.g., Christopher Columbus, Francisco Vásquez de Coronado) and the technological developments that made sea exploration by latitude and longitude possible (e.g., compass, sextant, astrolabe, seaworthy ships, chronometers, gunpowder).</p>	<p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: Saint Brenden’s Voyage</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p>
<p>2. Explain the aims, obstacles, and accomplishments of the explorers, sponsors, and leaders of key European expeditions and the reasons Europeans chose to explore and colonize the world (e.g., the Spanish Reconquista, the Protestant Reformation, the Counter Reformation).</p>	<p>More available to parent/teacher in G7 Age of Exploration through the member website www.Earthschooling.com</p>
<p>3. Trace the routes of the major land explorers of the United States, the distances traveled by explorers, and the Atlantic trade routes that linked Africa, the West Indies, the British colonies, and Europe.</p>	
<p>4. Locate on maps of North and South America land claimed by Spain, France, England, Portugal, the Netherlands, Sweden, and Russia.</p>	
<p>5.3 Students describe the cooperation and conflict that existed among the American Indians and between the Indian nations and the new settlers.</p>	
<p>1. Describe the competition among the English, French, Spanish, Dutch, and Indian nations for control of North America.</p>	<p>Fifth Grade Geography Lessons: Cabeza de Vaca’s Journey in 1542</p> <p>Fifth Grade Geography Lessons: The Saga of Eric the Red</p> <p>Fifth Grade Geography Lessons: The Bird Woman of Lewis and Clark</p>
<p>2. Describe the cooperation that existed between the colonists and Indians during the 1600s and 1700s (e.g., in agriculture, the fur trade, military alliances, treaties, cultural interchanges).</p>	<p>More available to parent/teacher in G4 Native American History through the member website www.Earthschooling.com</p> <p>More available to parent/teacher in G7 Age of Exploration through the member website www.Earthschooling.com</p>
<p>3. Examine the conflicts before the Revolutionary War (e.g., the Pequot and King Philip’s Wars in New England, the Powhatan Wars in Virginia, the French and Indian War).</p>	
<p>4. Discuss the role of broken treaties and massacres and the factors that led to the Indians’ defeat, including the resistance of Indian nations to encroachments and assimilation (e.g., the story of the Trail of Tears).</p>	

<p>5. Describe the internecine Indian conflicts, including the competing claims for control of lands (e.g., actions of the Iroquois, Huron, Lakota [Sioux]).</p> <p>6. Explain the influence and achievements of significant leaders of the time (e.g., John Marshall, Andrew Jackson, Chief Tecumseh, Chief Logan, Chief John Ross, Sequoyah).</p>	
<p>5.4 Students understand the political, religious, social, and economic institutions that evolved in the colonial era.</p>	
<p>1. Understand the influence of location and physical setting on the founding of the original 13 colonies, and identify on a map the locations of the colonies and of the American Indian nations already inhabiting these areas.</p> <p>2. Identify the major individuals and groups responsible for the founding of the various colonies and the reasons for their founding (e.g., John Smith, Virginia; Roger Williams, Rhode Island; William Penn, Pennsylvania; Lord Baltimore, Maryland; William Bradford, Plymouth; John Winthrop, Massachusetts).</p> <p>3. Describe the religious aspects of the earliest colonies (e.g., Puritanism in Massachusetts, Anglicanism in Virginia, Catholicism in Maryland, Quakerism in Pennsylvania).</p> <p>4. Identify the significance and leaders of the First Great Awakening, which marked a shift in religious ideas, practices, and allegiances in the colonial period, the growth of religious toleration, and free exercise of religion.</p> <p>5. Understand how the British colonial period created the basis for the development of political self-government and a free-market economic system and the differences between the British, Spanish, and French colonial systems.</p> <p>6. Describe the introduction of slavery into America, the responses of slave families to their condition, the ongoing struggle between proponents and opponents of slavery, and the gradual institutionalization of slavery in the South.</p>	<p>Fifth Grade Geography Lessons: The Corn Huskers by Sandberg</p> <p>More available to parent/teacher in G4 Native American History through the member website www.Earthschooling.com</p> <p>More available to parent/teacher in G7 Age of Exploration through the member website www.Earthschooling.com</p> <p>More available to parent/teacher in G8 history through the member website www.Earthschooling.com</p>

<p>7. Explain the early democratic ideas and practices that emerged during the colonial period, including the significance of representative assemblies and town meeting,</p>	
<p>5.5 Students explain the causes of the American Revolution.</p>	
<p>1. Understand how political, religious, and economic ideas and interests brought about the Revolution (e.g., resistance to imperial policy, the Stamp Act, the Townshend Acts, taxes on tea, Coercive Acts).</p> <p>2. Know the significance of the first and second Continental Congresses and of the Committees of Correspondence.</p> <p>3. Understand the people and events associated with the drafting and signing of the Declaration of Independence and the document’s significance, including the key political concepts it embodies, the origins of those concepts, and its role in severing ties with Great Britain.</p> <p>4. Describe the views, lives, and impact of key individuals during this period (e.g., King George III, Patrick Henry, Thomas Jefferson, George Washington, Benjamin Franklin, John Adams).</p>	<p>Available to parent/teacher in G8 history through the member website www.Earthschooling.com</p>
<p>5.6 Students understand the course and consequences of the American Revolution.</p>	
<p>1. Identify and map the major military battles, campaigns, and turning points of the Revolutionary War, the roles of the American and British leaders, and the Indian leaders’ alliances on both sides.</p> <p>2. Describe the contributions of France and other nations and of individuals to the outcome of the Revolution (e.g., Benjamin Franklin’s negotiations with the French, the French navy, the Treaty of Paris, The Netherlands, Russia, the Marquis Marie Joseph de Lafayette, Tadeusz Ko’sciuszko, Baron Friedrich Wilhelm von Steuben.</p> <p>3. Identify the different roles women played during the Revolution (e.g., Abigail Adams, Martha Washington, Molly Pitcher, Phillis Wheatley, Mercy Otis Warren).</p>	<p>Available to parent/teacher in G8 history through the member website www.Earthschooling.com</p>

<p>4. Understand the personal impact and economic hardship of the war on families, problems of financing the war, wartime inflation, and laws against hoarding goods and materials and profiteering.</p> <p>5. Explain how state constitutions that were established after 1776 embodied the ideals of the American Revolution and helped serve as models for the U.S. Constitution.</p> <p>6. Demonstrate knowledge of the significance of land policies developed under the Continental Congress (e.g., sale of western lands, the Northwest Ordinance of 1787) and those policies' impact on American Indians' land.</p> <p>7. Understand how the ideals set forth in the Declaration of Independence changed the way people viewed slavery.</p>	
<p>5.7 Students describe the people and events associated with the development of the U.S. Constitution and analyze the Constitution's significance as the foundation of the American republic.</p>	
<p>1. List the shortcomings of the Articles of Confederation as set forth by their critics.</p> <p>2. Explain the significance of the new Constitution of 1787, including the struggles over its ratification and the reasons for the addition of the Bill of Rights.</p> <p>3. Understand the fundamental principles of American constitutional democracy, including how the government derives its power from the people and the primacy of individual liberty.</p> <p>4. Understand how the Constitution is designed to secure our liberty by both empowering and limiting central government and compare the powers granted to citizens, Congress, the president, and the Supreme Court with those reserved to the states.</p> <p>5. Discuss the meaning of the American creed that calls on citizens to safeguard the liberty of individual Americans within a unified nation, to respect the rule of law, and to preserve the Constitution.</p>	<p>Available to parent/teacher in G8 history through the member website www.Earthschooling.com</p>

<p>6. Know the songs that express American ideals (e.g., “America the Beautiful,” “The Star Spangled Banner”).</p>	
<p>5.8 Students trace the colonization, immigration, and settlement patterns of the American people from 1789 to the mid-1800s, with emphasis on the role of economic incentives, effects of the physical and political geography, and transportation systems.</p>	
<p>1. Discuss the waves of immigrants from Europe between 1789 and 1850 and their modes of transportation into the Ohio and Mississippi Valleys and through the Cumberland Gap (e.g., overland wagons, canals, flatboats, steamboats).</p> <p>2. Name the states and territories that existed in 1850 and identify their locations and major geographical features (e.g., mountain ranges, principal rivers, dominant plant regions).</p> <p>3. Demonstrate knowledge of the explorations of the trans-Mississippi West following the Louisiana Purchase (e.g., Meriwether Lewis and William Clark, Zebulon Pike, John Fremont).</p> <p>4. Discuss the experiences of settlers on the overland trails to the West (e.g., location of the routes; purpose of the journeys; the influence of the terrain, rivers, vegetation, and climate; life in the territories at the end of these trails).</p> <p>5. Describe the continued migration of Mexican settlers into Mexican territories of the West and Southwest.</p> <p>6. Relate how and when California, Texas, Oregon, and other western lands became part of the United States, including the significance of the Texas War for Independence and the Mexican American War.</p>	<p>Available to parent/teacher in G8 history through the member website www.Earthschooling.com</p>
<p>5.9 Students know the location of the current 50 states and the names of their capital.</p>	<p>Fifth Grade Geography Lessons: Guide & Main Lessons</p>

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Science	
5-PS1 Matter and Its Interactions	
<p>5-PS1-1. Develop a model to describe that matter is made of particles too small to be seen. [Clarification Statement: Examples of evidence supporting a model could include adding air to expand a basketball, compressing air in a syringe, dissolving sugar in water, and evaporating saltwater.] [Assessment Boundary: Assessment does not include the atomic-scale mechanism of evaporation and condensation or defining the unseen particles.]</p>	<p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Leaf Shapes Reference Charts</p>
<p>5-PS1-2. Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved. [Clarification Statement: Examples of reactions or changes could include phase changes, dissolving, and mixing that form new substances.] [Assessment Boundary: Assessment does not include distinguishing mass and weight.]</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Working with Charts and Graphs (Statistics Practice: Advanced Only)</p>
<p>5-PS1-3. Make observations and measurements to identify materials based on their properties. [Clarification Statement: Examples of materials to be identified could include baking soda and other powders, metals, minerals, and liquids. Examples of properties could include color, hardness, reflectivity, electrical conductivity, thermal conductivity, response to magnetic forces, and solubility; density is not intended as an identifiable property.] [Assessment Boundary: Assessment does not include density or distinguishing mass and weight.]</p>	<p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Botany Main Lesson Block: Part Two: Herbs for Kids Two</p> <p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Leaf Shapes</p>
<p>5-PS1-4. Conduct an investigation to determine whether the mixing of two or more substances results in new substances.</p>	<p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Botany Main Lesson Block: Part Two: Herbs for Kids Two</p>

5-PS2 Motion and Stability: Forces and Interactions	
5-PS2-1. Support an argument that the gravitational force exerted by Earth on objects is directed down. [Clarification Statement: “Down” is a local description of the direction that points toward the center of the spherical Earth.] [Assessment Boundary: Assessment does not include mathematical representation of gravitational force.]	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p>
5-PS3 Energy	
5-PS3-1. Use models to describe that energy in animals’ food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun. [Clarification Statement: Examples of models could include diagrams, and flow charts.]	<p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
5-LS1 From Molecules to Organisms: Structures and Processes	
5-LS1-1. Support an argument that plants get the materials they need for growth chiefly from air and water. [Clarification Statement: Emphasis is on the idea that plant matter comes mostly from air and water, not from the soil.]	<p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
5-LS2 Ecosystems: Interactions, Energy, and Dynamics	
5-LS2-1. Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment. [Clarification Statement: Emphasis is on the idea that matter that is not food (air, water, decomposed materials in soil) is changed by plants into matter that is food. Examples of systems could include organisms, ecosystems, and the Earth.] [Assessment Boundary: Assessment does not include molecular explanations.]	<p>Botany Main Lesson Block: Part Three: First Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson Block: Part Four: Second Botany Main Lesson Book by Diane</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
5-ESS1 Earth’s Place in the Universe	
5-ESS1-1. Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. [Assessment Boundary: Assessment is limited to relative distances, not sizes, of stars. Assessment does not include other factors that	<p>My Waldorf Year for the Northern Hemisphere</p>

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<p>affect apparent brightness (such as stellar masses, age, stage).]</p>	
<p>5-ESS1-2. Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky. [Clarification Statement: Examples of patterns could include the position and motion of Earth with respect to the sun and selected stars that are visible only in particular months.] [Assessment Boundary: Assessment does not include causes of seasons.]</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Working with Charts and Graphs (Statistics Practice: Advanced Only)</p>
<p>5-ESS2 Earth’s Systems</p>	
<p>5-ESS2-1. Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact. [Clarification Statement: Examples could include the influence of the ocean on ecosystems, landform shape, and climate; the influence of the atmosphere on landforms and ecosystems through weather and climate; and the influence of mountain ranges on winds and clouds in the atmosphere. The geosphere, hydrosphere, atmosphere, and biosphere are each a system.] [Assessment Boundary: Assessment is limited to the interactions of two systems at a time.]</p>	<p>Fifth Grade Geography Lessons: Guide & Main Lessons</p> <p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
<p>5-ESS2-2. Describe and graph the amounts of saltwater and fresh water in various reservoirs to provide evidence about the distribution of water on Earth. [Assessment Boundary: Assessment is limited to oceans, lakes, rivers, glaciers, ground water, and polar ice caps, and does not include the atmosphere.]</p>	<p>Botany Main Lesson Block: Part One: Introduction to Plants</p> <p>Fifth Grade Geography Lessons: Guide & Main Lessons</p> <p>Working with Charts and Graphs (Statistics Practice: Advanced Only)</p>
<p>5-ESS3 Earth and Human Activity</p>	
<p>5-ESS3-1. Obtain and combine information about ways individual communities use science ideas to protect the Earth’s resources and environment.</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Guide & Lessons</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p>

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	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
<p>3-5-ETS1 Engineering Design</p>	
<p>3-5-ETS1-1. Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Guide & Lessons</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
<p>3-5-ETS1-2. Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Guide & Lessons</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p>

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	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>
<p>3-5-ETS1-3. Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.</p>	<p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Guide & Lessons</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Bald Eagle Recovery Information</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Supporting Document: Eagles & Lead Poisoning</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Bird Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Activity: Eagle Observation Record</p> <p>Botany Main Lesson: Trees, the Environment & Bald Eagles: Student Reading: Silent Spring by Rachel Carson</p>

Sources for standards

<https://www.cde.ca.gov/be/st/ss/index.asp>

Math

<https://www.cde.ca.gov/be/st/ss/documents/ccsmathstandardaug2013.pdf>

Language Arts

<https://www.cde.ca.gov/be/st/ss/documents/finalelaccsstandards.pdf>

History

<https://www.cde.ca.gov/be/st/ss/documents/histsocscistnd.pdf>

Science

<https://www.nextgenscience.org/sites/default/files/AllDCI.pdf>