

Grade 4
Common Core State Standards for English Language Arts
Correlation to Delta Science Content Readers

Grade 4 Standard	Page References for Delta Science Content Readers
Reading Standards for Informational Text	
<i>Key Ideas and Details</i>	
RI.4.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.	All DSCR titles SE: The “Checkpoint” questions at the end of every subsection of all DSCR SEs; the “Reflect on Reading” features at end of every chapter; and the “Let’s Review” questions on the inside back cover require students to explain what the text says explicitly and to draw inferences from the text.
RI.4.2 Determine the main idea of a text and explain how it is supported by key details; summarize the text.	Air and Water SE 20, 23, inside back cover; TG 5, 8 Animal Needs and Life Cycles SE 10, 17, inside back cover; TG 3, 4, 8; SKB 1 Cells and Classification SE 20, 23; TG 5; SKB 1 Changes in Ecosystems SE 10, 19, inside back cover; TG 4, 5, 8 Changes in Matter SE 18, 23, inside back cover; TG 5, 8; SKB 1 Ecosystems SE 8, 15, inside back cover; TG 3, 4, 8 Electricity and Magnetism SE 20, 23; TG 5 Energy SE 16, 19; TG 4, 5; SKB 1 Heredity SE 20, 23, inside back cover; TG 5, 8 Minerals, Rocks, and Fossils SE 14, 17; TG 4 Our Solar System and Beyond SE 16, 23, inside back cover; TG 4, 5, 8; SKB 1 Plant Life Cycles SE 20, 23; TG 5 Plant Needs SE 16, 19; TG 4, 5 Soils SE 18, 23, inside back cover; TG 4, 5, 8; SKB 1 Weather and Climate SE 20, 23; TG 5 Weathering and Erosion SE 20, 23; TG 5 Work and Machines SE 20, 23, inside back cover; TG 5, 8

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<p>RI.4.3 Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.</p>	<p>All DSCR titles SE: Checkpoint questions for each section, Let’s Review (inside back cover), and Apply Science Concepts features ask students to explain concepts, including what happens and why. For example: Animal Needs and Life Cycles SE 17 Changes in Matter SE 10 Earth Moon, and Sun System SE 17 Human Body System SE 11 Properties of Matter SE 16 Soils SE 17 Weather and Climate SE 18</p> <p>In addition, see the following: Changes in Ecosystems SE 8, 15; TG 3; SKB 1, 3 Earth, Moon, and Sun System SE 12, 23, inside back cover; TG 4, 5, 8; SKB 1 Ecosystems SE inside back cover; TG 8; SKB 3 Energy SE 20, 23, inside back cover; TG 5, 8 Forces and Motion SE 18, 23; TG 4, 5; SKB 1 Heat and Light Energy SE 10, 15, 16, 19, inside back cover; TG 3, 4, 5, 8; SKB 1, 3 Heredity SE 6, 13; TG 3; SKB 1, 3 Inside Earth SE 16, 23; TG 4, 5; SKB 1 Minerals, Rocks, and Fossils SE 18, 23, inside back cover; TG 5, 8; SKB 1 Plant Life Cycles SE 16, 19; TG 4, 5; SKB 1 Plant Needs SE 20, 23; TG 5 Weathering and Erosion SE 12, 19; TG 4, 5, 8; SKB 1 Work and Machines SE 6, 9; TG 3</p>

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<p>Craft and Structure</p>	
<p>RI.4.4 Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area.</p>	<p>All DSCR titles</p> <p>SE: Vocabulary development is supported in all DSCR SEs through the vocabulary preview, vocabulary lists on each chapter opener, boldface words defined in context, and glossary. Checkpoint questions are provided during reading so teachers can reinforce and extend understanding of the relationships between concepts and domain-specific vocabulary.</p> <p>TG: Preview the Book (Build Reading Skills) (TG 2) Teachers and students preview science vocabulary before reading. Teachers are prompted to display vocabulary words in a graphic organizer during reading (TG 2). The graphic organizer supports class discussions of the relationship between vocabulary and the concept each word represents. In addition, all TGs include vocabulary support for each Make a Connection feature (two to four per book). After Reading activities deepen and extend understanding of vocabulary.</p> <p>SKB: All DSCR SKBs have one vocabulary page (SKB 4) dedicated to general academic and domain-specific vocabulary building.</p> <p>In addition, Supporting English Learners (TG 1) for the following titles provides opportunities for vocabulary development that can be used with all learners:</p> <p>Air and Water Cells and Classification Changes in Matter Earth, Moon, and Sun System Ecosystems Energy Forces and Motion Heat and Light Energy Heredity Inside Earth Plant Life Cycles Properties of Matter Soils Weathering and Erosion</p> <p><i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymasters 7, 8, 9, 10</p>

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<p>RI.4.5 Describe the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in a text or part of a text.</p>	<p>Cells and Classification SE 6, 11; TG 5; SKB 3 Changes in Ecosystems SE 8, 15, 20, 23; TG 3, 5; SKB 1, 3 Changes in Matter SE 7; TG 3; SKB 3 Earth, Moon, and Sun System SE 12, 23, inside back cover; TG 4, 5, 8; SKB 1 Ecosystems SE 23; TG 5; SKB 3 Electricity and Magnetism SE 10, 13, inside back cover; TG 3, 4, 8; SKB 1 Energy SE 20, 23, inside back cover; TG 5, 8 Forces and Motion SE 18, 23; TG 4, 5; SKB 1 Heat and Light Energy SE 10, 15, 16, 19, inside back cover; TG 3, 4, 5, 8; SKB 1, 3 Heredity SE 6, 13; TG 3; SKB 1, 3 Inside Earth SE 16, 23; TG 4, 5; SKB 1 Minerals, Rocks, and Fossils SE 18, 23, inside back cover; TG 5, 8; SKB 1 Plant Life Cycles SE 16, 19; TG 4, 5; SKB 1 Plant Needs SE 20, 23; TG 5 Properties of Matter SE 14, 23, inside back cover; TG 4, 5, 8; SKB 1 Soils SE 10, 17; TG 3, 4; SKB 3 Sound Energy SE 16, 23, inside back cover; TG 4, 5, 8 Weather and Climate SKB 3 Weathering and Erosion SE 6, 11, 12, 19, inside back cover; TG 3, 4, 5, 8; SKB 1, 3 Work and Machines SE 6, 9; TG 3</p>

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Integration of Knowledge and Ideas	
<p>RI.4.7 Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.</p>	<p>Air and Water SE 8, 19; TG 2, 3, 4, 5; SKB 1 Animal Needs and Life Cycles SE 18, 23; TG 4, 5 Cells and Classification SE 12, 19, inside back cover; TG 2, 3, 4, 5, 8; SKB 1 Changes in Matter SE 8, 16; TG 3, 4, 5 Ecosystems SE 16, 23; TG 2, 3, 5, 8; SKB 1 Electricity and Magnetism SE 14, 19; TG 4, 5 Energy SE 8; TG 3 Forces and Motion SE 10, 17; TG 3, 4 Heat and Light Energy SE 20, 23; TG 5 Heredity SE 14, 19; TG 4 Human Body Systems SE 6, 22, inside back cover; TG 3, 5, 8; SKB 1 Inside Earth SE 8, 15, inside back cover; TG 2, 3, 4, 5, 8 Minerals, Rocks, and Fossils SE 8, 13; TG 3, 4 Our Solar System and Beyond TG 2, 4, 5 Plant Life Cycles SE 6, 15, inside back cover; TG 1 (Supporting English Learners), 3, 4, 8 Plant Needs SE 8, 15, inside back cover; TG 3, 4, 8 Properties of Matter SE 2, 13; TG 2, 4 Soils SE 2, 9; TG 1 (Supporting English Learners), 2, 3 Sound Energy SE 8, 15; TG 3, 4 Weather and Climate SE 14, 19, 23, inside back cover; TG 4, 5, 8 Weathering and Erosion TG 1 (Supporting English Learners) Work and Machines SE 10, 19; TG 3, 5; SKB 1</p>
<p>RI.4.9 Integrate information from two texts on the same topic in order to write or speak about the subject knowledgeably.</p>	<p>Changes in Ecosystems SE 19 (Apply Science Concepts) Earth, Moon, Sun System SE 23 (Apply Science Concepts) Plant Life Cycles SE 15 (Apply Science Concepts) Weathering and Erosion SE 5 (Apply Science Concepts)</p>
Range of Reading and Level of Text Complexity	
<p>RI.4.10 By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4–5 text complexity band proficiently, with scaffolding as needed at the high end of the range.</p>	<p>All DSCR titles TG 1 lists reading comprehension skills. SKB 1 always includes reading comprehension skill development.</p>

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Reading Standards: Foundational Skills	
<i>Phonics and Word Recognition</i>	
<p>RF.4.3 Know and apply grade-level phonics and word analysis skills in decoding words.</p>	<p><i>See below.</i></p> <p><i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymasters 4, 5</p>
<p>RF.4.3.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>Air and Water TG 1 (Supporting English Learners) Animal Needs and Life Cycles SKB 4 Cells and Classification TG 1 (Supporting English Learners) Changes in Ecosystems SKB 4 Changes in Matter SKB 4 Changes in Matter SKB 4 Earth, Moon, and Sun System SKB 4 Heat and Light Energy TG 1 (Supporting English Learners); SKB 4 Human Body Systems SKB 4 Minerals, Rocks, and Fossils SKB 4 Plant Needs SKB 4 Properties of Matter TG 1 (Supporting English Learners)</p> <p><i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymasters 4, 5</p>

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Fluency	
RF.4.4 Read with sufficient accuracy and fluency to support comprehension.	<i>See below.</i>
RF.4.4.a Read on-level text with purpose and understanding.	<p>All DSCR titles</p> <p>TG: K-W-L chart (TG 2) helps students set a purpose for reading. “Checkpoint” questions are provided during reading so teachers can reinforce and extend understanding of the relationships between concepts and vocabulary. After reading activities deepen and extend understanding.</p> <p>SE: “Find Out About” statements at the start of every section help students set a purpose for reading.</p> <p>Also see:</p> <p>Plant Needs SKB 1 Sound Energy SKB 1 Weather and Climate SKB 1</p> <p>In addition, TG 1, Supporting English Learners, for the following titles provides suggestions for setting a purpose for reading that can be used with all students:</p> <p>Animal Needs and Life Cycles (Set Objectives) Changes in Ecosystems (Set Objectives) Electricity and Magnetism (Activate Prior Knowledge) Minerals, Rocks, and Fossils (Set Objectives) Our Solar System and Beyond (Set Objectives) Plant Needs (Activate Prior Knowledge) Sound Energy (Set Objectives) Weather and Climate (Activate Prior Knowledge)</p>
RF.4.4.c Use context to confirm or self-correct word recognition and understanding, rereading as necessary.	<p>Animal Needs and Life Cycles SKB 4 Energy SKB 4 Human Body Systems SKB 4 Inside Earth SKB 4 Minerals, Rocks, and Fossils SKB 4 Our Solar System and Beyond SKB 4 Plant Life Cycles SKB 4 Properties of Matter SKB 4</p> <p>Also see Delta Science Dictionary, Grades 3-5 Copymaster 8</p>

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Writing Standards	
<i>Text Types and Purposes</i>	
W.4.1 Write opinion pieces on topics or texts, supporting a point of view with reasons and information.	<i>See below.</i> <i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymasters 4, 6
W.4.1.a Introduce a topic or text clearly, state an opinion, and create an organizational structure in which related ideas are grouped to support the writer’s purpose.	Air and Water SKB 3 Changes in Ecosystems SE inside back cover; TG 8 Earth, Moon, and Sun System SKB 3 Ecosystems SE inside back cover; TG 8 (opportunity) Electricity and Magnetism SKB 3 Our Solar System and Beyond SKB 3 Plant Needs SKB 3 Soils SE inside back cover; TG 8
W.4.1.b Provide reasons that are supported by facts and details.	Air and Water SKB 3 Changes in Ecosystems SE inside back cover; TG 8 Earth, Moon, and Sun System SKB 3 Ecosystems SE inside back cover; TG 8 (opportunity) Electricity and Magnetism SKB 3 Our Solar System and Beyond SKB 3 Plant Needs SKB 3 Soils SE inside back cover; TG 8
W.4.1.c Link opinion and reasons using words and phrases (e.g., for instance, in order to, in addition).	The following provide opportunities to link opinion and reasons using words and phrases: Air and Water SKB 3 Changes in Ecosystems SE inside back cover; TG 8 Earth, Moon, and Sun System SKB 3 Electricity and Magnetism SKB 3 Plant Needs SKB 3
W.4.1.d Provide a concluding statement or section related to the opinion presented.	Changes in Ecosystems SE inside back cover; TG 8 Ecosystems SKB 3 Electricity and Magnetism SKB 3 Soils SE inside back cover; TG 8
W.4.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.	<i>See below.</i> <i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymasters 1, 3, 5, 7, 9

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<p>W.4.2.a Introduce a topic clearly and group related information in paragraphs and sections; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.</p>	<p>Animal Needs and Life Cycles SE inside back cover; TG 8; SKB 3 Cells and Classification SKB 1, 3 Changes in Ecosystems SKB 3 Earth, Moon, and Sun System SE inside back cover; TG 8 Ecosystems SKB 3 Forces and Motion SKB 3 Heat and Light Energy SE inside back cover; TG 8; SKB 3 Heredity SE inside back cover; TG 8 Human Body Systems SKB 3 Minerals, Rocks, and Fossils SE inside back cover; TG 8; SKB 3 Our Solar System and Beyond SE inside back cover; TG 8 Plant Life Cycles SKB 3 Properties of Matter SKB 3 Soils SKB 3 Sound Energy SKB 3 Weather and Climate SE inside back cover; TG 8 Weathering and Erosion SKB 3 Work and Machines SE inside back cover; TG 8</p>
<p>W.4.2.b Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.</p>	<p>Animal Needs and Life Cycles SE inside back cover; TG 8; SKB 3 Cells and Classification SKB 1, 3 Changes in Ecosystems SKB 3 Earth, Moon, and Sun System SE inside back cover; TG 8 Ecosystems SKB 3 Forces and Motion SKB 3 Heat and Light Energy SE inside back cover; TG 8; SKB 3 Heredity SE inside back cover; TG 8 Human Body Systems SKB 3 Minerals, Rocks, and Fossils SE inside back cover; TG 8; SKB 3 Our Solar System and Beyond SE inside back cover; TG 8 Plant Life Cycles SKB 3 Properties of Matter SKB 3 Soils SKB 3 Sound Energy SKB 3 Weather and Climate SE inside back cover; TG 8 Weathering and Erosion SKB 3 Work and Machines SE inside back cover; TG 8</p>

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<p>W.4.2.c Link ideas within categories of information using words and phrases (e.g., another, for example, also, because).</p>	<p>The following provide opportunities to link ideas within categories of information using words and phrases:</p> <p>Animal Needs and Life Cycles SE inside back cover; TG 8; SKB 3 Cells and Classification SKB 1, 3 Changes in Ecosystems SKB 3 Changes in Matter SKB 3 Earth, Moon, and Sun System SE inside back cover; TG 8 Ecosystems SKB 3 Forces and Motion SKB 3 Heat and Light Energy SE inside back cover; TG 8; SKB 3 Heredity SE inside back cover; TG 8; SKB 3 Human Body Systems SKB 3 Minerals, Rocks, and Fossils SE inside back cover; TG 8; SKB 3 Our Solar System and Beyond SE inside back cover; TG 8 Plant Life Cycles SKB 3 Properties of Matter SKB 3 Soils SKB 3 Sound Energy SKB 3 Weather and Climate SE inside back cover; TG 8 Weathering and Erosion SKB 3 Work and Machines SE inside back cover; TG 8</p>
<p>W.4.2.d Use precise language and domain-specific vocabulary to inform about or explain the topic.</p>	<p>The following provide opportunities to use precise language and domain-specific vocabulary to inform about or explain the topic:</p> <p>Animal Needs and Life Cycles SE inside back cover; TG 8; SKB 3 Cells and Classification SKB 1, 3 Changes in Ecosystems SKB 3 Earth, Moon, and Sun System SE inside back cover; TG 8 Ecosystems SKB 3 Forces and Motion SKB 3 Heat and Light Energy SE inside back cover; TG 8; SKB 3 Heredity SE inside back cover; TG 8 Human Body Systems SKB 3 Minerals, Rocks, and Fossils SE inside back cover; TG 8; SKB 3 Our Solar System and Beyond SE inside back cover; TG 8 Plant Life Cycles SKB 3 Properties of Matter SKB 3 Soils SKB 3 Sound Energy SKB 3 Weather and Climate SE inside back cover; TG 8; SKB 3 Weathering and Erosion SKB 3 Work and Machines SE inside back cover; TG 8</p>

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<p>W.4.2.e Provide a concluding statement or section related to the information or explanation presented.</p>	<p>Changes in Ecosystems SKB 3 (opportunity) Ecosystems SKB 3 Human Body Systems SKB 3 Properties of Matter SKB 3 Sound Energy SKB 3 Weather and Climate SE inside back cover; TG 8 Weathering and Erosion SKB 3</p>
<p><i>Production and Distribution of Writing</i></p>	
<p>W.4.4 Produce clear and coherent writing 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>All DSCR titles SE inside back cover; TG 8; SKB 3</p>
<p>W.4.5 With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing. (Editing for conventions should demonstrate command of Language standards 1–3 up to and including grade 4.)</p>	<p>All DSCR titles SE inside back cover; TG 8; SKB 3</p>
<p>W.4.6 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 one page in a single setting.</p>	<p>Changes in Ecosystems SE 19 (Apply Science Concepts) Earth, Moon, and Sun System SE 23 (Apply Science Concepts) Inside Earth SE 15 (Apply Science Concepts) Minerals, Rocks, and Fossils SE 17 (Apply Science Concepts), inside back cover (Try It) Plant Needs SE inside back cover (Write) Properties of Matter SE inside back cover (Write) Weather and Climate SE 19 (Apply Science Concepts), inside back cover (Write) Weathering and Erosion SE 5, 19 (Apply Science Concepts)</p>
<p><i>Research to Build and Present Knowledge</i></p>	
<p>W.4.7 Conduct short research projects that build knowledge through investigation of different aspects of a topic.</p>	<p>Air and Water SE 7; TG 3 Animal Needs and Life Cycles SE inside back cover; TG 8 Changes in Ecosystems SE 19 Earth, Moon, Sun System SE 23; TG 5 Inside Earth SE 15; TG 4; SKB 3 Minerals, Rocks, and Fossils SE 17, inside back cover Plant Needs SE inside back cover; TG 8 Properties of Matter SE inside back cover; TG 8 Weather and Climate SE 19, inside back cover Weathering and Erosion SE 5, 19</p>

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<p>W.4.8 Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.</p>	<p>Air and Water SE 7; TG 3 Animal Needs and Life Cycles SE inside back cover; TG 8 Changes in Ecosystems SE 19; TG 5 Earth, Moon, Sun System SE 23; TG 5 Inside Earth SE 15; TG 4; SKB 3 Minerals, Rocks, and Fossils SE 13, 17; TG 4 Plant Life Cycles SE 15; TG 4 Plant Needs SE inside back cover; TG 8 Properties of Matter SE inside back cover; TG 8 Weather and Climate SE 19; TG 5 Weathering and Erosion SE 5, 19; TG 2, 5</p>
<p>W.4.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.</p>	<p><i>See below.</i></p>
<p>W.4.9.b Apply grade 4 Reading standards to informational texts (e.g., “Explain how an author uses reasons and evidence to support particular points in a text.”).</p>	<p><i>See RI.4.1–RI.4.10.</i></p>
<p>Range of Writing</p>	
<p>W.4.10 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>All DSCR titles SE and TG: In addition to the Writing standards met above, which comprise shorter time frames, students write routinely over extended time frames in their science notebooks, recording observations and ideas, conducting research, organizing information, and answering questions. Also see: Weather and Climate SE 13; TG 4</p>

Language Standards

Conventions of Standard English

<p>L.4.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.</p>	<p>All DSCR titles SKB 2, 3 <i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymaster 6</p>
<p>L.4.1.e Form and use prepositional phrases.</p>	<p>Sound Energy SKB 2</p>

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<p>L.4.1.f Produce complete sentences, recognizing and correcting inappropriate fragments and run-ons.</p>	<p>The following provide opportunities to recognize and produce complete sentences:</p> <p>Cells and Classification SKB 2 Changes in Ecosystems SKB 2 Electricity and Magnetism SKB 2 Heredity SKB 2 Human Body Systems SKB 2 Inside Earth SKB 2 Properties of Matter SKB 2 Soils SKB 2 Weather and Climate SKB 2 Work and Machines SKB 2</p> <p>Also see these writing opportunities for all DSCR titles: SE inside back cover; SKB 3</p>
<p>L.4.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</p>	<p>The following provide opportunities to demonstrate command of the conventions of standard English capitalization, punctuation, and spelling:</p> <p>Air and Water SKB 2 Cells and Classification SKB 2 Earth, Moon, and Sun System SKB 2 Electricity and Magnetism SKB 2 Heredity SKB 2 Human Body Systems SKB 2 Our Solar System and Beyond SKB 2 Soils SKB 2 Work and Machines SKB 2</p> <p>Also see these writing opportunities for all DSCR titles: SE inside back cover; SKB 3</p>
<p>L.4.2.a Use correct capitalization.</p>	<p>Air and Water SKB 2 Our Solar System and Beyond SKB 2</p>
<p>L.4.2.c Use a comma before a coordinating conjunction in a compound sentence.</p>	<p>Earth, Moon, and Sun System SKB 2 Heredity SKB 2 Inside Earth SKB 2 Work and Machines SKB 2</p>
<p>L.4.2.d Spell grade-appropriate words correctly, consulting references as needed.</p>	<p>Each SE has a glossary that can be used by students as a reference for spelling.</p> <p><i>Also see</i> Delta Science Dictionary, Grades 3-5 Dictionary (all pages); Copymasters 1, 2, 3</p>

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Knowledge of Language	
L.4.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.	<i>See below.</i>
L.4.3.a Choose words and phrases to convey ideas precisely.	All DSCR titles SE inside back cover; SKB 3
L.4.3.b Choose punctuation for effect.	Cells and Classification SKB 2 Electricity and Magnetism SKB 2 Human Body Systems SKB 2 Soils SKB 2
Vocabulary for Acquisition and Use	
L.4.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.	Air and Water TG 1 Develop Vocabulary (Supporting English Learners); SKB 4 Cells and Classification TG 1 Develop Vocabulary (Supporting English Learners) Ecosystems SKB 4 Energy SKB 4 Heat and Light Energy TG 1 Develop Vocabulary (Supporting English Learners) Heredity TG 1 Develop Vocabulary (Supporting English Learners) Inside Earth SKB 4 Plant Life Cycles SKB 4 Properties of Matter TG 1 Develop Vocabulary (Supporting English Learners) Sound Energy SKB 4 Weathering and Erosion SKB 4 Work and Machines SKB 4
L.4.4.a Use context (e.g., definitions, examples, or restatements in text) as a clue to the meaning of a word or phrase.	Energy SKB 4 Inside Earth SKB 4 Our Solar System and Beyond SKB 4 Plant Life Cycles SKB 4 Properties of Matter SKB 4 Work and Machines SKB 4 <i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymaster 8

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<p>L.4.4.b Use common, grade-appropriate Greek and Latin affixes and roots as clues to the meaning of a word (e.g., telegraph, photograph, autograph).</p>	<p>Air and Water TG 1 (Supporting English Learners) Animal Needs and Life Cycles SKB 4 Cells and Classification TG 1 (Supporting English Learners) Changes in Ecosystems SKB 4 Changes in Matter SKB 4 Earth, Moon, and Sun System SKB 4 Heat and Light Energy TG 1 (Supporting English Learners); SKB 4 Human Body Systems SKB 4 Minerals, Rocks, and Fossils SKB 4 Plant Needs SKB 4 Properties of Matter TG 1 (Supporting English Learners)</p>
<p>L.4.4.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.</p>	<p>All DSCR titles TG 2</p> <p><i>Also see</i> Delta Science Dictionary, Grades 3-5 Dictionary (all pages); Copymasters 5, 7, 8, 9, 10</p>
<p>L.4.5 Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.</p>	<p><i>See below.</i></p>
<p>L.4.5.a Explain the meaning of simple similes and metaphors (e.g., as pretty as a picture) in context.</p>	<p>Minerals, Rocks, and Fossils SKB 3 (opportunity) Weather and Climate SKB 3</p>
<p>L.4.5.c Demonstrate understanding of words by relating them to their opposites (antonyms) and to words with similar but not identical meanings (synonyms).</p>	<p>Cells and Classification SKB 4 Electricity and Magnetism SKB 4 Forces and Motion SKB 4 Heredity SKB 4 Soils SKB 4 Weather and Climate SKB 4</p> <p><i>Also see</i> Delta Science Dictionary, Grades 3-5 Copymaster 9</p>

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<p>L.4.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal precise actions, emotions, or states of being (e.g., quizzed, whined, stammered) and that are basic to a particular topic (e.g., wildlife, conservation, and endangered when discussing animal preservation).</p>	<p>All DSCR titles SE: Vocabulary development is supported in all DSCR SEs through the vocabulary preview, vocabulary lists on each chapter opener, boldface words defined in context, and glossary. Checkpoint questions are provided during reading so teachers can reinforce and extend understanding of the relationships between concepts and domain-specific vocabulary.</p> <p>TG: Preview the Book (Build Reading Skills) (TG 2) Teachers and students preview science vocabulary before reading. Teachers are prompted to display vocabulary words in a graphic organizer during reading (TG 2). The graphic organizer supports class discussions of the relationship between vocabulary and the concept each word represents. In addition, all TGs include vocabulary support for each Make a Connection feature (two to four per book). After Reading activities deepen and extend understanding of vocabulary.</p> <p>SKB: All DSCR SKBs have one vocabulary page (SKB 4) dedicated to general academic and domain-specific vocabulary building.</p> <p>In addition, see TG 1 Teach Academic English (Supporting English Learners) for the following titles: Changes in Matter Earth, Moon and Sun System Forces and Motion Human Body Systems Inside Earth</p>