FOCUS READERS

Curriculum Standards

Series: Engineering for Disaster
Level: Navigator

Standards Achieved
This series supports the following Common Core State Standards, National Council for Social Studies Standards, and National Science Education Standards.

Common Core State Standards

Key Ideas and Details	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.
	RI 4.2	Determine the main idea of a text and explain how it is supported by key details; summarize the text.
	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.
Craft and Structure	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.
	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.
Integration of Knowledge and Ideas	RI 4.8	Explain how an author uses reasons and evidence to support particular points in a text.
Key Ideas and Details	RI 5.1	Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
	RI 5.2	Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.
	RI 5.3	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.
Craft and Structure	RI 5.4	Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.
Integration of Knowledge and Ideas	RI 5.8	Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).

Key Ideas and Details	RI 6.1	Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
	RI 6.2	Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.
	RI 6.3	Analyze in detail how a key individual, event, or idea is introduced, illustrated, and elaborated in a text (e.g., through examples or anecdotes).
Craft and Structure	RI 6.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings.
	RI 6.5	Analyze how a particular sentence, paragraph, chapter, or section fits into the overall structure of a text and contributes to the development of the ideas.
	RI 6.6	Determine an author's point of view or purpose in a text and explain how it is conveyed in the text.
Key Ideas and Details	RI 7.1	Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
	RI 7.2	Determine two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.
	RI 7.3	Analyze the interactions between individuals, events, and ideas in a text (e.g., how ideas influence individuals or events, or how individuals influence ideas or events).
Craft and Structure	RI 7.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of a specific word choice on meaning and tone.
	RI 7.5	Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to the development of the ideas.

National Council for Social Studies Standards

Science, Technology, and Society	8	Social studies programs should include experiences that provide for the study of relationships among science, technology, and society.

National Science Education Standards

Earth and Space Science	Content Standard D, grades K–4	As a result of their activities in grades K–4, all students should develop an understanding of properties of earth materials, objects in the sky, and changes in earth and sky.
Science and Technology	Content Standard E, grades K–4	As a result of activities in grades K–4, all students should develop abilities of technological design, understanding about science and technology, and abilities to distinguish between natural objects and objects made by humans.
Science in Personal and Social Perspectives	Content Standard F, grades K–4	As a result of activities in grades K–4, all students should develop understanding of personal health, characteristics and changes in populations, types of resources, changes in environments, and science and technology in local challenges.
Earth and Space Science	Content Standard D, grades 5–8	As a result of their activities in grades 5–8, all students should develop an understanding of the structure of the earth system, Earth's history, and Earth in the solar system.
Science and Technology	Content Standard E, grades 5–8	As a result of activities in grades 5–8, all students should develop abilities of technological design and understandings about science and technology.
Science in Personal and Social Perspectives	Content Standard F, grades 5–8	As a result of activities in grades 5–8, all students should develop understanding of personal health; populations, resources, and environments; natural hazards; risks and benefits; and science and technology in society.