

Curriculum Standards

Series: Using Simple Machines

Level: Pioneer

Standards Achieved

This series supports the following Common Core State Standards and National Science Education Standards.

Common Core State Standards

Key Ideas and Details	RI 1.1	Ask and answer questions about key details in a text.
	RI 1.2	Identify the main topic and retell key details of a text.
	RI 1.3	Describe the connection between two individuals, events, ideas, or pieces of information in a text.
Craft and Structure	RI 1.4	Ask and answer questions to help determine or clarify the meaning of words and phrases in a text.
	RI 1.5	Know and use various text features (e.g., headings, tables of contents, glossaries, electronic menus, icons) to locate key facts or information in a text.
	RI 1.6	Distinguish between information provided by pictures or other illustrations and information provided by the words in a text.
Integration of Knowledge and Ideas	RI 1.7	Use the illustrations and details in a text to describe its key ideas.
Key Ideas and Details	RI 2.1	Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.
	RI 2.2	Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within the text.
	RI 2.3	Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text.
Craft and Structure	RI 2.4	Determine the meaning of words and phrases in a text relevant to a grade 2 topic or subject area.
	RI 2.5	Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently.
	RI 2.6	Identify the main purpose of a text, including what the author wants to answer, explain, or describe.
Integration of Knowledge and Ideas	RI 2.7	Explain how specific images (e.g., a diagram showing how a machine works) contribute to and clarify a text.

Key Ideas and Details	RI 3.1	Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.
	RI 3.2	Determine the main idea of a text; recount the key details and explain how they support the main idea.
	RI 3.3	Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.
Craft and Structure	RI 3.4	Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.
	RI 3.5	Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently.
Integration of Knowledge and Ideas	RI 3.7	Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).
	RI 3.8	Describe the logical connection between particular sentences and paragraphs in a text (e.g., comparison, cause/effect, first/second/third in a sequence).

National Science Education Standards

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.
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