

MAKERSPACE CARDBOARD CHALLENGE!

Curriculum Correlations

Common Core State Standards

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 multi-paragraph 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.
	RI 2.8	Describe how reasons support specific points the author makes in 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).
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.
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.
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.
	RI 5.5	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.



National Science Education Standards

Science as Inquiry	Content Standard A, grades K–4	As a result of activities in grades K–4, all students should develop abilities necessary to do scientific inquiry and understanding about scientific inquiry.
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.

