

5TH GRADE

REFRIGERATOR CURRICULUM

READING

UNIT 1: Journeys- In this unit students will explore realistic fiction, autobiographies, poetry, and informational texts. Students will practice analyzing main ideas and supporting details using text evidence, analyzing text features to make inferences, understand point of view using text evidence, use sound devices and figurative language to visualize, and analyze text structures to confirm and/or correct predictions.

UNIT 2: Observations - In this unit, students will evaluate details to explain author's purpose, analyze text structure in an informational text, analyze point of view in realistic fiction, make predictions about informational texts, and analyze information to compare argumentative texts.

UNIT 3: Reflections -In this unit, students will analyze characters in realistic fiction, plot elements to summarize events in realistic fiction, explain literary structures in a legend and drama, use figurative language to visualize images in poetry, and make inferences about themes in realistic fiction.

UNIT 4: Liberty - In this unit students will learn how to analyze characters and evaluate details in historical fiction, interpret text structure in informational texts, evaluate details in biographies, make inferences to help explain the author's purpose.

UNIT 5: Systems - In this unit, students will identify main ideas and details in informational texts, interpret text features, analyze plot and setting in historical fiction, compare and contrast informational texts, and analyze argumentative texts.

WRITING

UNIT 1: Narrative Writing- Students will explore personal narratives, craft an introduction and sequence of events, use adjectives, adverbs, and pronouns correctly, and write personal narratives.

UNIT 2: Informational Writing- Students will review and develop elements of effective informational articles, use visuals, multimedia, and formatting to support their ideas, use precise language and domain-specific vocabulary, and write clear informational articles.

UNIT 3: Argumentative Writing- Students will learn characteristics of opinion writing, develop an opinion using reasons, facts, and details, edit for capitalization, and write opinion essays.

UNIT 4: Science Fiction- Students will learn characteristics of science fiction, focus on characters, setting, and plot, use prepositions and prepositional phrases correctly, and write science fiction stories.

UNIT 5: Poetry- Students will study elements of poetry, use rhythm, rhyme, and figurative language, use subordinate conjunctions correctly, and write poetry.

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SOCIAL STUDIES

UNIT 1: Geography and Westward Expansion- How can we use the themes of geography to analyze their relationship to changes in society and the environment? What were the costs and the benefits of territorial expansion?

UNIT 2: Civil War, Immigration and Industrialization- What was the impact of migration and movement of foreign peoples to the United States?

UNIT 3: Great Depression, Dust Bowl, WWI, WWII, Cold War and the Civil Rights Movement- How did the Great Depression, Dust Bowls, wars, and the Civil Rights Movement change the United States?

UNIT 3: Research Project- How did the contributions of a historically significant individual from 1800-2000 make an impact on US History?

science

Quarter 1: Unit 23: Our Place in the Universe. In this unit we discuss systems, gravity, rotation & revolution, Moon phases, the sun and the stars.

Quarter 2: Unit 24: What's consistent about matter. In this unit we will discuss classifying matter, changes in matter, and conservation of matter.

Quarter 3: Unit 21: From Sun to food. How can we design a farm that minimally impacts the natural world and still feeds people? This unit is all about how living things get the energy they need to live and grow, and how matter is cycled through ecosystems. Unit 25: Science in St. Louis. In this unit students try to figure out the science behind some popular St. Louis attractions including The Gateway Arch, Busch Stadium, The City Museum, and The Science Center.

Quarter 4: Unit 22: Using our resources wisely. How can we design a wind turbine that will lift a bucket of pennies? In this section, students will learn about Earth's systems and natural resources, ways that humans use natural resources, human impacts on Earth systems, and how humans can change behaviors to reduce impacts on the environment.

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MATH- HIGHLIGHTS OF 5TH GRADE:

1. Graph points on a coordinate plane and identify the x-axis, x-coordinates, y-axis, and y-coordinates
2. Memorize basic multiplication and division facts from (0-12)
3. Solve problems using orders of operations
4. Represent and interpret data
5. Add, subtract, and multiply fractions
6. Change mixed numbers into improper fractions
7. Fluently multiply multi-digit whole numbers
8. Apply the formula for volume $V= l \times w \times h$
9. Read, write, and compare decimals to the thousandths
10. Add, subtract, represent, and compare decimals
11. Solve division problems with a 2-digit divisor