



Math

- Write and interpret numerical expressions
- Analyze patterns and relationships
- Understand the place value system
- Perform operations with multi-digit whole numbers and with decimals to hundredths
- Use equivalent fractions as a strategy to add and subtract fractions
- Apply and extend previous understandings of multiplication and division
- Multiply and divide fractions
- Convert like measurement units within a given measurement system
- Represent and interpret data
- Understand concepts of volume and relate to multiplication and to addition
- Graph points on the coordinate plane to solve real-world and mathematical problems
- Classify two-dimensional figures into categories based on their properties

Literacy

- Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text
- Determine a theme of a story, drama, or poem from details in the text, summarize the text
- Compare and contrast two or more characters, settings, or events in a story or drama, drawing on specific details in the text
- Determine the meaning of words and phrases as they are used in a text
- Explain how a series of chapters, scenes, or stanzas fits together to provide the overall structure of a particular story, drama, or poem
- Describe how a narrator's or speaker's point of view influences how events are described
- Analyze how visual and multimedia elements contribute to the meaning, tone, or beauty of a text
- Compare & contrast stories in the same genre on their approaches to similar themes and topics
- By the end of the year, read and comprehend literature and informational texts
- Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text
- 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
- Compare and contrast the overall structure of events, ideas, concepts, or information in two or more texts
- Analyze multiple accounts of the same event or topic, noting important similarities and differences in the point of view they represent
- Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently
- Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which points
- Know and apply grade level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension

Project-Based Learning

Save Today, Survive Tomorrow: In this project, students create an action plan for improving human impact on the environment in one of the following areas: access to clean water (human rights), recycling, climate (ecosystems and earth spheres), and the rainforest. As environmentalists, students plan and execute their group's idea for improving human impact on the environment to share with their community.

American Revolution: In this project, students investigate the causes and outcome of the American Revolutionary War by looking at it, not only from the perspective of the American colonial leaders and the British, but also the French, indigenous people, enslaved Africans, and members of various social classes in the colonies. As historians, students plan, write, and produce engaging products (presentation, stations, escape rooms) to share with other fifth graders around the country.