

## Social Studies

Social Studies is divided into four strands that include: civics, economics, geography, and history. In Fifth Grade, these strands are studied through the following units of study:

- US History; Colonization to Independence
- Native People of North & South America
- Map Skills

Through these units, students will gain content knowledge as well as an understanding of concepts, skills, and processes that include the following:

- Compare and contrast the three distinct English Colonies that developed in North America.
- Realize how lifestyle differences led to the American Revolution and the eventual formation of an independent nation, the United States of America.
- Examine the growth of the United States as more and more Americans moved westward.
- Study the events that took place in America during the Reconstruction period, settlement of the Great Plains, and the Industrial Revolution.
- Demonstrate an understanding of the nation's geography through regional and individual state study.
- Utilize map and globe skills to locate major oceans, continents, states, and their capitals.
- Demonstrate an understanding of the Economy of the United States.

## Unified Arts

The Center School Fifth Grade curriculum is supported by our Unified Arts Team of teachers in Art, Music, Physical Education, and Library. Our students meet weekly with our UA teachers to enhance their educational experience.

- **Art**-1 Class Period Per Week
- **Music**-1 Class Period Per Week
- **P.E.**-2 Class Periods Per Week
- **Library**-1 Class Period Per Week
- **Intro to Global Concepts**-1 Class Period Per Week.

This project-based class introduces students to themes of community and culture at the local, national, and international levels and extends to students the opportunity to apply their content learning and skill acquisitions from their other classes.

*Our mission is to be a continuously improving, learning community, providing quality services to enable all children to master the knowledge and competencies necessary to function skillfully throughout life.*



## Curriculum Brochure Fifth Grade

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## English Language Arts

English Language Arts (ELA) is comprised of four areas: reading, writing, language, and speaking & listening. Within these four areas are many categories. When all brought together, these standards encompass student literacy.

### **Reading:**

- Read closely from complex literary and informational texts.
- Quote accurately from the text when explaining what the texts says explicitly and when drawing inferences from the text.
- Determine a theme or the main ideas of a text and the supporting details; summarize a text.
- Analyze text structure and the author's point of view.
- Determine the meaning of words and phrases in the text., including figurative language.
- Read with sufficient accuracy and fluency to support comprehension; apply word knowledge and analysis skills.

### **Writing:**

- Write extended opinion, informational, and narrative pieces with details and proper grammar, spelling and punctuation which are several paragraphs in length.
- Complete research projects that include several sources and a focused question.
- Cite evidence and sources using a standard format.
- Use technology to produce writing pieces and presentations.

### **Language:**

- Use academic and content-specific vocabulary.
- Use context, background information, and strategies to determine the meaning of unknown and multiple-meaning words.

### **Speaking and Listening:**

- Report on information or present an opinion using relevant facts and details, using appropriate sequencing, and pacing.
- Actively participate in collaborative discussions by being prepared and thoughtful about the topic being covered.
- Summarize information read aloud or information presented in different media formats and texts.

## Mathematics

Students in 5<sup>th</sup> Grade mathematics build their knowledge and fluency in number operations with special attention to decimal and fraction operations. They also incorporate decimal numbers into the place value system. Mastery topics include adding and subtracting fractions, volume of prisms, and evaluating expressions using the order of operations.

## Science

Science is divided into three primary areas: life, earth, and physical sciences. In Fifth Grade, the areas are studied through the following units of study:

- Earth's Systems
- Structure and Properties of Matter
- Space Systems
- Matter and Energy in Organisms and Ecosystems

Through these units, students will gain content knowledge as well as an understanding of the concepts, skills, and processes that include the following:

- Energy can be transferred in various ways and between objects.
- Matter moves between plants, animals, decomposers, and the environment.
- Matter of any type can be subdivided into particles that are too small to see.
- When substances are mixed, a new substance with different properties may be formed.
- Understand the ways the geosphere, biosphere, geosphere, and/or atmosphere interact.
- Human impacts on Earth systems.
- Gravitational force exerted by Earth on objects is directed down.
- Apparent brightness of the sun compared to other stars is due to their relative distances from Earth.
- The rotation of the Earth and orbits reveal patterns in the length of day and night, shadows, and the position of the sun, moon, and stars.