

6TH GRADE CORE COURSES

ENGLISH LANGUAGE ARTS

The English Language Arts curriculum, aligned with the Common Core State Standards, is composed of units that center on a theme. The units will include instruction on reading comprehension using an assortment of literary genres including narrative and informational texts, poetry, and novels. Writing skills will be enhanced through a variety of learning based activities focusing on the six traits of writing.

SCIENCE

Science covers the following elements:

- Earth Science
- Weathering and Erosion
- Rock Cycle
- Soil
- Plate Tectonics
- Fossils
- Geologic Time
- Weather and Climate
- Ecosystems
- Living Things
- Classification Systems
- Bacteria and Fungi

SOCIAL STUDIES

Social Studies covers the following elements:

- Foundations of World Geography
- The World in Spatial Terms
- Population and Migration
- Culture
- Human/Environment Interaction
- Economics and World Trade
- Civics, Government, and World Politics

MATH

6th Grade Math covers the following topics:

- Operations with Decimals
- Operations with Fractions
- Ratio & Proportional Relationships
- Integers & the Coordinate Plane
- Algebra: Expressions & Equations

- Area, Surface Area, & Volume
- Statistics & Graphs

MULTI-PURPOSE PERIOD (MP²)

The multi-purpose period is a year-long 30-minute class for all students. This class includes a variety of lessons focused on our school's Positive Behavior Interventions and Supports (PBIS) plan, Character Education, as well as enhancements for Math and Reading. Participation is required for this class and it is graded as Pass/Fail.

6TH GRADE REQUIRED ELECTIVE COURSES

"LEAN ON ME"

This class provides opportunities to read and reflect on real life issues facing today's adolescents in an age appropriate format. At the sixth grade level, students will be focusing on the topic of friendship. Students will analyze the theme of friendship through the study of informational and narrative texts, music and poetry.

REAL LIFE MATH

Real Life Math is a course intended to teach students about using math in the "real world." Students will do lessons, activities, and projects related to using math in real life situations. The topics covered will include the following:

- Basic operations
- Scaling and scale drawings
- Fractions
- Statistics
- Graphing
- Probability

MINI SOCIETY

Students will gain a greater understanding of economics using an experience-based program. This class will help students understand the types of economies, entrepreneurship, government, and ethics in a fun and meaningful way. Key concepts students will learn include: scarcity, goods and services; producers and consumers; profit; inflation; imports and exports; advertising; marketing. Students will establish their own society and open their own businesses. In addition to subject-area learning, students will experience several side benefits. They will work cooperatively and actively in problem solving- trying to find creative and workable solutions to the numerous problems that occur in any society.

SCIENTIFIC INQUIRY

Do you have many questions about the world around you? If you do, Scientific Inquiry is the class for you! Our students will discover that inquiry involves generating questions, conducting

investigations, and developing solutions to problems through reasoning and observation. By using inquiry, we will be analyzing information from data tables and creating graphs to answer these scientific questions.

ART

During their time in Art, students will use a variety of media. They will work in pencil, colored pencil, clay, paper maché, collage, tempera, and other materials. The materials that students use and the skills that they obtain will help to prepare them for more challenging forms of artistic expression in the next two years of middle school. Students are evaluated not only on the end product, but also on their effort and ability to attempt new things.

INTRODUCTION TO BAND

This class provides sixth grade students with the opportunity to learn the basics of a band instrument. Individual and ensemble musical skills at the beginning level will be taught. Students are expected to practice outside of class. Band instruments are supplied by the school district and become the responsibility of the student for the duration of the class.

COMPUTERS AND TECHNOLOGY

The 6th grade computer and technology curriculum provides students with introductory computer skills through project based learning. These skills will enable them to effectively, efficiently and responsibly utilize computers, technology, and other information sources. Students are recommended to have their own email account that they are able to access.

Topics covered in the 6th grade computer and technology curriculum include:

- Developing a Positive Online Presence
- Presentation Skills
- Spreadsheet Skills
- Digital Citizenship
- Internet Safety
- Copyright & Fair Use
- Search Strategies
- Interactive Learning
- Virtual Field Trips

PHYSICAL EDUCATION

This course provides each student with the opportunity to learn about sports, health, and physical fitness. It is a comprehensive program consisting of skill development, lead up games, team sports, and physical fitness activities. The students receive instruction in rules, skills, and strategies associated with the different sports as well as learning experiences involving physical conditioning activities. Health and nutrition topics are discussed on a regular basis before and after physical activity. This course promotes cooperation, leadership, and a positive attitude.

