

Fifth Grade

Students will be able to:

Reading/English Language Arts

- Demonstrate an understanding of grade-level high frequency words and apply decoding strategies to determine the meaning unfamiliar words
- Use comprehension strategies to monitor own reading and demonstrate understanding in various ways (make inferences, compare/contrast, make judgments, recognize author's view point, etc.)
- Recognize traits of various genres (realistic fiction, tall tales, biographies, historical fiction, poetry, etc.)
- Explain the purpose for some literary techniques (repetition, use of sensory words, rhyming, etc.)
- Use graphic organizers to aid in comprehension and to categorize ideas
- Show proficiency in punctuation and capitalization
- Maintain writing focus using effective and logical organization
- Connect writing to audience using voice and clarify meaning with appropriate and specific word choices
- Vary sentence structure with purpose and demonstrate a grasp of conventions
- Abide by expected methods of speaking to an audience: maintain eye contact, speak loudly and slowly, organize ideas logically, etc.)
- Use multiple strategies during discussions (ask questions, clarify misunderstandings, support own point of view, summarize information, etc.)

Social Studies

- Describe the geographic, economic, and social factors that relate to the development of the United States, Canada, and the nations of Latin America
- Explain the historical and political content that helped shape the United States
- Identify the similarities and differences among the various government structures in the Western Hemisphere
- Demonstrate an understanding of how nations in the Western Hemisphere are economically and geographically interdependent
- Arrange historical events in a chronological manner with regard to student's local community and New York State

Mathematics

- Understand the base-ten number system (10 ones = 1 ten, 10 tens = 1 hundred, ... and 10 hundred thousands = 1 million) and place value including identifying places (ones, tens, ... millions) and the values of the digits in those places.
- Compare fractions, decimals, and common percents to each other and among each other.

- Develop understanding of decimal place values (tenths, hundredths and thousandths places).
- Round whole numbers and decimals.
- Understand multiplication and division and the relationship between them. Perform them accurately and efficiently and apply them to solve problems.
- Demonstrate mastery* of multiplication and division facts through 12
- Add and subtract fractions.
- Add, subtract, multiply, and divide decimals.
- Describe, extend, and make generalizations or rules about numeric patterns including simple equations.
- Understand attributes of 2-dimensional shapes (sides and angles).
- Find the perimeter of geometric figures.
- Find and understand the difference between the area and perimeter of rectangles.
- Measure lengths and angles.
- Collect, organize, display, and analyze data.
- Measure lengths to the nearest millimeter and eighth of an inch; convert between units
- Construct, read and interpret graphs, particularly line graphs.

Science

- Know that the Scientific Method is used to investigate ideas in science
- Understand that the Earth consists of interrelated components and is constantly changing
- Recognize the Earth has limited resources that can be used up or destroyed if not protected
- Know water is essential for the survival of all living things
- Understand weather is the short-term condition outside while climate is the prevailing weather over time
- Understand the effects of the Sun and other natural events determine the climate of a region
- Compare and contrast living things and nonliving things
- Know respiration consists of inhalation, exhalation and gas exchange occurring in between
- Recognize diseases affect the body in a negative way
- Know excretion is the process of eliminating waste products
- Understand that the processes of respiration and excretion are vital for human life
- Define ecosystem and understand the interrelationships in it
- Know the Earth is one planet within a larger solar system

Health

- Identify adults to trust both personally and through technology, knows who to report inappropriate behavior

- Demonstrate age-appropriate hygiene
- Can identify the physical and emotional effects of misuse of drugs/substances, explore media influence on consumer
- Plan for wellness through personal health goal setting, track progress toward goal
- Understand multiple strategies to prevent bullying

Physical Education

- Demonstrates mature loco-motor movement forms and mature fine motor skills, and demonstrates progress toward mature physical skill patterns of catching, throwing, kicking and striking
- Meets the age and gender specific health-related fitness standards defined by Fitnessgram
- Identifies physical and psychological benefits that result from long-term participation in physical activity
- Demonstrates responsible and appropriate personal and social skills

The Arts

- Understand music and art as it relates to history and culture
- Understand and apply concepts and skills found in art and music
- Make creative decisions and complete projects
- Apply melodic and rhythmic skills through song, movement and playing classroom instruments

Technology

- Conduct web search (use search tool)
- Navigate to specific www. address
- Use subscription databases to find information
- Cite sources
- Create a chart from a spread sheet
- Create a slide show with graphics and transitions