

1st Grade Language Arts

First Grade students will be engaged in reading, writing, and listening, speaking and viewing. By the end of 1st grade, students will be able to:

READING

- Demonstrate s knowledge of concepts of print
- Demonstrates the ability to identify and orally manipulate words and individual sounds within those spoken words
- Demonstrates the relationship between letters and letter combinations of written words and the sounds of spoken words
- Demonstrate the ability to read orally with speed, accuracy and expression (30 a min.)
- Acquires and uses grade-level words to communicate effectively
- Gains meaning from orally presented text

Writing

- Begin to understand the principle of writing
- Write in a variety of genres, including narrative, informational, persuasive, and response to literature

Listening/Speaking/Viewing

- Demonstrates the use of oral and visual skills to communicate

1st Grade Mathematics

First Grade students will be engaged in Development of mathematical understandings by using manipulatives and a variety of representation, working independently and cooperatively to solve problems. By the end of 1st grade, students will be able to:

NUMBER AND OPERATION

- Connect numerals to the quantities they represent
- Use representation to model addition and subtraction

MEASUREMENT

- Group objects according to common properties such as longer/shorter, more/less, taller/shorter, and heavier/lighter
- Understand the measurement of calendar time
- Understand time as it relates to a daily schedule

GEOMETRY

- Correctly name simple two and three-dimensional figures, and recognize them in the environment
- Understand basic spatial relationship
- Identify, create, extend, and transfer patterns from one representation to another using actions, objects, and geometric shapes

DATA ANALYSIS AND PROBABILITY

- Pose information questions, collect data, organize, and display results using objects, pictures, and picture graphs

PROCESS STANDARD

- Solve problems (using appropriate technology)
- Reason and evaluate mathematical arguments
- Communicate mathematically
- Make connections among mathematical ideas and to other disciplines
- Represent mathematics in multiple ways

1st Grade Science

First Grade students will use inquiry to focus on questions about the world around them and seek answers by making observations. By the end of 1st grade, students will be able to:

HABITS OF MIND

- Develop awareness of the importance of curiosity, honesty, openness, and skepticism in science and will exhibit these traits in their own efforts to understand how the world works
- Compute and estimate skills necessary for analyzing data and following scientific explanations
- Use tools and instruments to observe, measure, and manipulate objects
- Communicate scientific ideas and activities clearly

THE NATURE OF SCIENCE

- Familiarize the character of scientific knowledge and how it is achieved
- Understand important features of the process of scientific inquiry

EARTH SCIENCE

- Observe, measure, and communicate weather data to see patterns in weather and climate
- Observe and record changes in water as it relates to weather

PHYSICAL SCIENCE

- Investigate light and sound
- Demonstrate effects of magnets on other magnets and other objects

LIFE SCIENCE

- Students will investigate the characteristics and basic needs of plants and animals

1st Grade Social Studies

First Grade students will continue their introduction to United States History through the study of selected historical figures and their important contributions. In addition, 3rd graders will explore history, geography and governmentc concepts. By the end of 1st grade, students will be able to:

HISTORICAL UNDERSTANDINGS

- Read and describe the life of historical figures in American History
- Read and listen to American folktales and explain how they characterize our national heritage (Inclusion – John Henry, Johnny Appleseed, Davy Crockett, Paul Bunyan, and Annie Oakley)

GEOGRAPHICAL UNDERSTANDINGS

- Describe the cultural and geographic systems associated with the historical figures
- Identify and locate his/her city, county, state, nation, and continent on a simple map or globe
- Locate major topographical features of the earth's surface

GOVERNMENT/CIVIC UNDERSTANDINGS

- Describe how historical figures display character traits of fairness, respect for others, respect for the environment, conservation, courage, equality, tolerance, perseverance, and commitment
- Explain the meaning of the patriotic words to America (My Country 'Tis of Thee) and America the Beautiful

ECONOMIC UNDERSTANDINGS

- Identify goods that people make and services that people provide for each other
- Explain that people have to make choices about goods and services because of scarcity
- Describe how people are both producers and consumers
- Describe the costs and benefits of personal spending and saving choices

