

First Grade Curriculum

Reading

- Recognize that print moves from left to right, uses upper and lower case letters, and represents spoken language
- Manipulate sounds in spoken words (phonemic awareness)
- Decode words using letter/sound knowledge (phonics)
- Use structural clues to analyze words
- Acquire new vocabulary through selections read aloud
- Acquire sight vocabulary
- Identify words that name persons, places, or things, words that name actions, and words that describe
- Differentiate complete sentences from incomplete sentences
- Use prior knowledge to understand what is read
- Find and connect ideas and themes in books and other printed resources
- Acquire information from graphs, charts, signs, and captions
- Predict outcomes
- Draw conclusions
- Identify cause and effect
- Identify and explain inferences
- Retell or act out important events in a story
- Summarize a story
- Identify characters, settings, events, problems and solutions in a story
- Describe character traits
- Compare and contrast story elements
- Identify literary genres (fiction, realistic fiction, nonfiction, folk tales, biography)
- Read orally from familiar text with accuracy, expression, appropriate phrasing, and attention to punctuation
- Self-select books and stories by drawing on personal interest, knowledge of authors, or types of text

Listening/Speaking

- Listen to and discuss experiences and customs
- Listen to and follow directions with two or more steps
- Listen to gather information, solve problems, and appreciate literature
- Listen for sequence
- Present dramatic interpretations of experiences, stories, poems, and plays
- Participate in group discussions
- Make announcements, give directions, and make introductions appropriately
- Retell stories
- Describe experiences
- Speak in different settings to develop fluency, grammar and self-confidence

Writing

- Write upper and lower case manuscript letters using proper formation
- Write name
- Gain increasing control of penmanship
- Generate ideas for compositions
- Develop and publish drafts
- Use correct capitalization, such as beginning a sentence, names of people and places, days of the week, and months of the year
- Use period, question mark, exclamation point correctly
- Edit drafts for spelling, grammar, punctuation, capitalization, and usage
- Record or dictate questions for investigations
- Write informational text

Write for a variety of purposes, such as lists, letters, stories, poems, book reports, and journals

Represent text information in different ways using story maps, graphs, charts, and tables

Alphabetize words to the second and third letter

Math

Number, Operations & Quantitative Reasoning

Read, write, compare, and order whole numbers to 99

Determine the value of a collection of coins

Name fractional parts of a whole

Describe parts of a set

Add and subtract whole numbers

Apply addition and subtraction facts

Round whole numbers to nearest 10

Estimate sums & differences

Patterns, Functions, & Algebraic Thinking

Use patterns to make predictions and solve problems

Identify patterns in addition and subtraction sentences

Geometry & Spatial Reasoning

Identify and describe 2D and 3D shapes

Sort 2D and 3D shapes according to a given attribute

Combine 2D shapes to make new geometric figures

Identify shapes having a line of symmetry

Complete line-symmetric designs

Measurement

Construct a monthly calendar

Order 3 or more events according to duration

Estimate and measure length using non-standard units

Compare and order 2 or more objects according to length

Compare and order the area of 2 or more two-dimensional surfaces

Compare and order 2 or more containers according to capacity

Compare and order 2 or more objects according to weight/mass

Compare 2 or more objects according to relative temperature

Read and record time to the hour, half hour, and quarter hour

Probability & Statistics

Collect, organize, record, and display data for picture graphs and bar graphs

Draw conclusions and answer questions using information from picture and bar graphs

Identify data as certain, possible, or impossible

Problem Solving

Identify mathematics in everyday situations

Use a problem solving model

Justify reasonableness

Use tools such as manipulatives and objects to solve problem

Social Studies

History

Describe the origins of holidays, such as Veterans Day

Identify contributions of historic figures, such as Sam Houston

Identify anthems and mottoes of the U.S. and Texas

Distinguish among past, present, and future

Geography

Locate places using cardinal directions

- Create and use simple maps
- Locate community, state, and nation on maps and globes
- Describe physical and human characteristics of places
- Identify natural resources and how they are used

Economics

- Identify examples of goods and services, ways people exchange them, and the role of markets in the exchange
- Identify reasons for making economic choices
- Describe how specialized jobs contribute to production of goods and services

Government/Citizenship

- Explain the need for and give examples of rules and laws
- Identify and describe the roles of leaders in the community, state, and nation
- Identify characteristics of good citizenship
- Identify historic figures and ordinary people who exemplify good citizenship
- Recite and explain the Pledge of Allegiance and Pledge to the Texas flag
- Recognize and practice Christian values

Culture

- Describe ways that families meet basic human needs
- Retell stories from folktales and legends

Science, Technology, and Society

- Describe ways in which technology has changed how families live and work

Social Studies Skills

- Obtain information from a variety of oral and visual sources
- Sequence and categorize information
- Identify main ideas
- Express ideas orally and visually
- Use problem-solving and decision-making processes

Science

Change

- Observe, measure, and record changes in size, mass, color, position, quantity, sound, and movement
- Observe and record weather changes from day to day and over seasons
- Observe and record stages in the life cycles of organisms
- Identify and test ways in which heat may cause change, such as when ice melts

Living Organisms and Nonliving Objects

- Group and compare living organisms and nonliving objects
- Identify characteristics of organisms and objects
- Identify characteristics of organisms that allow their basic needs to be met
- Compare and give examples of how organisms depend on each other and on their environment

Processes of the Natural World

- Describe natural sources of water including streams, lakes, and oceans
- Observe and describe differences in rocks and soil samples
- Identify how rocks, soil, and water are used and how they can be recycled and/or reused

Scientific Investigation and Research

- Practice the use and conservation of resources while participating in classroom and field investigations

Scientific Inquiry and Critical Thinking

- Ask questions about organisms, objects, and events
- Explain a problem and identify a task and solution related to the problem
- Construct reasonable explanations using information and draw conclusions
- Use tools including hand lenses, balances, customary and metric rulers, clocks, computers, and thermometers to gather information

Measure and compare objects and organisms using standard and nonstandard measurements

Use a scientific problem-solving format

Properties, Patterns, and Systems

Identify, predict, replicate, and create patterns including those in charts, graphs, and numbers

Recognize that systems have parts and are composed of organisms and objects

Manipulate objects so that the parts are separated from the whole which may result in the part or the whole not working

Classify organisms, objects, and events based on properties and patterns

Identify and predict parts that when put together can do things they cannot do by themselves