

# 1<sup>ST</sup> GRADE CURRICULUM

## LANGUAGE ARTS

First grade students develop their communication and comprehension abilities by asking and answering questions, retelling stories, predicting outcomes, and making inferences. Developing these skills enables all to become independent readers and writers.

### 1<sup>ST</sup> QUARTER

The student will:

- Listen to and respond to stories being read aloud
- Identify the short vowels a, i, u, o
- Recognize the digraphs ch, sh, th
- Be introduced to the inflectional ending –s
- Identify high frequency words from stories
- Use illustrations in a story to help understand the events in a story
- Sequence events in a story
- Identify unfamiliar words using context clues
- Identify the parts of a book-title, author, illustrator
- Write to form a sentence using invented spelling
- Identify and write a simple sentence
- Capitalize the beginning of a sentence
- Use correct ending punctuation-period, question mark, exclamation mark
- Decode and spell words with short a, i, u, o
- Give and respond to oral directions
- Follow rules of conversation-take turns, raise hand, stays on topic and focuses attention on speaker
- Connects ideas and experiences of others to own
- Compares language, tradition, and culture
- Spell high-frequency words
- Recognize and supply rhyming words
- Generalize ideas using listing, asking questions & drawing
- Share ideas by brainstorming

### 2<sup>ND</sup> QUARTER

The student will:

- Identify the short vowel e and long vowel a with silent e
- Recognize blends
- Identify high-frequency words from stories
- Decode and spell words with short e and long a with silent e
- Spell high-frequency words
- Recognize and understand inflectional ending –ed
- Use context clues to read unfamiliar words
- Identify main idea and supporting details
- Analyze character and plot
- Recognize and describe settings

- Recognize diagraphs ch, wk, nk
- Identify and use contractions
- Recognize and use nouns
- Compare and contrast information
- Use proper and common nouns, singular and plural forms
- Capitalize proper nouns
- Use verbs
- Use complete sentences in written composition
- Read a map to gather information
- Read with fluency and understanding
- Use meaning clues to aid in comprehension and make predictions
- Use self correction strategies-search for clues, identify miscues, rereads, asks for help
- Select books for individual needs and interests
- Compare and contrast own experiences, customs, w/culture of others

### 3<sup>RD</sup> QUARTER

The student will:

- Identify long vowels i, o, u with silent e
- Identify long vowel a (ay, ai)
- Recognize & understand inflectional endings –s,-es,-er,-est,-ing
- Make inferences based on words, pictures, and what he/she already knows
- Identify cause and effect using pictures
- Learn to read a chart to gather information
- Make predictions about a story
- Alphabetize to the 1st,2nd and 3rd letter
- Use helping verbs & correct verb tense (was, were, has, go, do, see, say)
- Write to express an opinion and to entertain
- Spells words with long i, o, u, ay, and ai
- Read with fluency and understanding
- Summarize information found in text
- Identify high-frequency words from a story
- Read aloud familiar stories, poems, and passages with fluency and expression
- Use adjectives to convey basic ideas
- Recognize the parts of a dictionary

### 4<sup>TH</sup> QUARTER

The student will:

- Identify long vowels e(ee, ea), o(o,oa,ow), i(i,y,igh),u(oo),ar,ur,ou,aw,oi,oy
- Recognize and understand inflectional endings –ing,-er,-est
- Writes to entertain
- Draw conclusions from facts he/she knows
- Learn to make a list
- Make predictions

- Distinguish between fantasy and reality
- Write to entertain or summarize
- Dictate or write poems, personal information, experiences, stories and personal letters
- Use a variety of sources to gather information
- Identify high-frequency words from a story
- Read poetry
- Select books for individual needs and interests
- Identify and use compound words
- Identify color and number words as adjectives
- Identify synonyms and antonyms
- Capitalize the pronoun I
- Capitalize the important words in a title
- Use apostrophes in contractions or possessives
- Use a period in an abbreviation

## **SOCIAL STUDIES**

Students in the First Grade learn about their relationship to the classroom, school, and community. The concepts of time and chronology are developed by distinguishing among past, present, and future events. Students identify anthems and mottoes of the United States and Texas. Students make simple maps to identify the location of places in the classroom, school, and community. The concepts of goods and services and the values of work are introduced. Students identify historic figures and ordinary people who exhibit good citizenship. Students describe the importance of family customs and traditions and identify how technology has changed family life. Students sequence and categorize information.

### **1<sup>ST</sup> QUARTER**

- The Student will:
  - Locate places using the four cardinal directions
  - Describe the location of self and objects relative to other locations in the classroom and school.
  - Create and use simple maps to identify the location of places in the classroom, school, community, and beyond
  - Explain the need for rules and laws in the home, school, and community.
  - Identify leaders in the community, state, and nation;
  - Identify ordinary people who exemplify good citizenship and exhibit a love of individualism and inventiveness.
  - Recite and explain the meaning of the pledge of Allegiance and the Pledge to the Texas flag
  - Explain selected national and state patriotic symbols such as the U.S. Texas Flag, the Liberty Bell, and the Alamo;
  - Explain how selected customs, symbols, and celebrations reflect an American

- love of individualism, inventiveness, and freedom.
- Describe various beliefs, customs, and traditions of families and explain their importance;
- Create visual and written material including pictures, maps, timelines, and graphs.
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- 2ND QUARTER
- The students will:
  - Compare the similarities and differences among the lives and activities of historical figures that have influenced the community, state, and nation.
  - Identify and describe the human characteristics of places such as types of houses and ways of earning a living.
  - Describe the origins of selected holidays, such as Thanksgiving, and Columbus Day.
  - Distinguish among past, present, and future the concept of chronology time
  - Locate places of significance on maps and globes such as the local community, Texas and the United States.
  - Identify examples of goods and services in the home, school, and community;
  - Identify the role of markets in the exchange of goods and services.
  - Explain why wanting more than they can have requires that people make choices;
  - Describe the requirements of various jobs and the characteristics of a job well-performed;
  - Describe how specialized jobs contribute to the production of goods and services.
  - Identify characteristics of good citizenship such as a belief in justice, truth, equality, and responsibility for the common good;
  - Use voting as a way of making choices and decisions;
  - Describe ways that families meet basic human needs;
  - Describe similarities and differences in ways families meet basic human needs.
  - Retell stories from selected folktales and legends such as Aesop's fables.
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- 3RD QUARTER
- The students will:
  - Identify contributions of historical figures such as Sam Houston and Abraham Lincoln who have influenced the community, state, and nation;
  - Describe the origins of selected customs, holidays, and celebrations of the community, state, and nation such as Martin Luther King Jr. Day, and Veterans' Day;
  - Compare the observance of holidays and celebration, past and present;
  - Identify anthems and mottoes of the United States and Texas.
  - Create a calendar

# **MATH**

## **1<sup>st</sup> QUARTER**

- The student will:
- Recognize, write, and count numbers to 20.
- Compare and order numbers to 20.
- Compare sets of objects.
- Explore ways to make sets of numbers to 20.
- Add and subtract in horizontal and vertical form.
- Recognize and write a related addition fact.
- Recognize and write a related subtraction fact.
- Identify and use ordinal numbers.
- Solve problems by using data from a graph, making a model, & choosing an operation.

## **2<sup>nd</sup> QUARTER**

- The student will:
- Use a number line to add and subtract.
- Use Touch Math to add and subtract.
- Explore probability as certain, possible and impossible.
- Find sums for doubles through 12.
- Use doubles to subtract.
- Classify facts into fact families through 12.
- Solve problems by drawing a picture, writing a number sentence, making and using a graph, predicting and testing.
- Sort and classify picture and bar graphs.

## **3<sup>rd</sup> QUARTER**

- The student will:
- Count and add groups of ten and write number.
- Count forward and backward to 100.
- Identify even and odd numbers.
- Explore estimating using more and fewer.
- Count by 2s, 5s, and 10s.
- Learn place value using 1s, 10s, and 100s.
- Combine groups of tens and ones and write number.
- Estimate number of objects to 100.
- Order numbers to 100. (least to greatest and greatest to least)
- Compare numbers to 100 using the greater than and less than symbols.
- Find number patterns on a hundreds chart.
- Describe and extend patterns.
- Sort and classify 3 dimensional solid figures.
- Sort and classify 2 dimensional plane figures.
- Solve problems by making reasonable estimates, using a table, finding a patterns, and

- using logical reasoning.
- Identify congruent figures.
- Identify symmetry.
- Identify fractions using equal parts, halves, fourths, thirds and parts of a group.

#### **4<sup>th</sup> QUARTER**

- The student will:
  - Explore events by time of day.
  - Tell time to hour and half hour.
  - Sequence written times and determine elapsed time.
  - Tell time by analog and digital clocks.
  - Place a series of events in order using ordinal numbers.
  - Estimate time from one minute to one hour.
  - Read a calendar and identify days of the week and months of the year.
  - Identify pennies, nickels, dimes, quarters, and dollar and the value of each.
  - Compare amounts of money and make equal amounts.
  - Estimate, measure, and compare lengths of objects using nonstandard units.
  - Estimate and measure in inches, feet, and centimeters.
  - Compare weights of objects using a balance.
  - Compare the capacity of various containers to cups, pints, and quarts.
  - Match thermometer reading to weather conditions.
  - Add and subtract doubles through 20. (double digit addition and subtraction without regrouping)
  - Use strategies to add three numbers.
  - Use doubles to relate addition and subtraction facts.
  - Solve addition and subtraction facts through 20.
  - Find fact families through 20.
  - Solve problems by writing a number sentence, choosing a method, choosing an operation, acting it out, using data from a table, making reasonable estimates, and predicting and testing.
  - Identify the responsibilities of authority figures in the home, school, and community.

#### **4<sup>th</sup> QUARTER**

The student will:

- Identify historical figures such as Alexander Graham Bell and Thomas Edison who have exhibited a love of individualism and inventiveness;
- Identify and describe the physical characteristics of places such as landforms,

- Identify examples of and uses for natural resources in the community, state,
- Identify the role of markets in the exchange of goods and services.
- Describe how household tools and appliances have changed the ways families live;
- Describe how technology has changed communication, transportation, and recreation;
- Describe how technology has changed the way people work.
- Create visual and written material including pictures, maps, timelines, and graphs.

The primary focal points at Grade 1 are adding and subtracting whole numbers and organizing and analyzing data. Students use numbers in ordering, labeling and expressing quantities and relationships to solve problems and translate informal language into mathematical symbols. Students use patterns to describe objects, express information and make informal predictions based on their experiences.

## **MATH**

### **1<sup>ST</sup> QUARTER**

The student will:

- Recognize, write and count numbers to 12
- Solve problems by using data from a picture
- Compare sets of objects
- Solve problems by identifying patterns
- Sort and classify shapes
- Create a real object graph, a pictograph and a bar graph
- Explore ways to make sets of numbers to 12
- Draw pictures to problem solve
- Add and subtract in horizontal and vertical form
- Recognize and write a turnaround fact in addition
- Recognize and write a related subtraction fact

### **2<sup>nd</sup> QUARTER**

The student will:

- Use a number line to add on/and count back
- Learn to use Touch Math to add on/and count back
- Solve problems by making a list
- Identify geometric solids
- Identify plane shapes as part of solids
- Sort shapes by attributes
- Match and create geometric figures
- Identify symmetrical objects
- Identify fraction  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$
- Explore probability as certain, possible or impossible
- Find sums for doubles through 12

- Use doubles to subtract
- Solve problems by collecting data and tallying
- Classify facts into Fact-families through 12
- Practice guessing and testing problem solutions

### 3<sup>RD</sup> QUARTER

The student will:

- Make, write and recognize numbers to 20
- Use addition and subtraction facts to name numbers
- Count and add groups of ten and write number
- Explore estimating more and fewer
- Solve problems by using data from a graph
- Count by 2's, 5's, 10's
- Identify ordinal numbers
- Solve problems by looking at a pattern
- Learn place value 1's, 10's, 100's
- Combine groups of tens and ones and write number
- Estimate number of objects to 100
- Order numbers to 100
- Find number patterns on a 100 chart
- Identify the penny, nickel, dime and quarter and their value
- Count mixed groups of coins
- Solve problems by making a list

### 4<sup>TH</sup> QUARTER

The student will:

- Explore events by time of day
- Tell time to the hour and half hour
- Sequence written times and determine elapsed time
- Tell time by analog and digital clocks
- Solve problems by logical reasoning
- Place a series of events in order using 1st, 2nd, 3rd
- Estimate time from one minute to one hour
- Read a calendar and identify days of the week and months of the year
- Solve word problems after identifying unnecessary information
- Measure length using different nonstandard units
- Estimate, measure, and compare lengths of objects using nonstandard units
- Estimate and measure in inches and one foot
- Measure using centimeters
- Compare weights of objects using a balance
- Compare the weight of an object to one pound and to one kilogram
- Compare the capacity of various containers to cups, pints and quarts
- Compare the capacity of various containers to one liter
- Match thermometer readings to weather conditions
- Find sums for doubles through 18

- Use strategies to add three numbers
- Solve problems by choosing a problem solving strategy
- Use doubles to relate addition and subtraction facts
- Solve addition and subtraction facts to and from 20
- Find fact families through 18
- Solve problems by choosing an operation
- Add and subtract double digit numbers

## **RELIGION**

The first grade religion curriculum takes the children through the life of Christ. The children are also introduced to the sacraments and the Mass as well as basic traditions of the Church

### 1<sup>st</sup> quarter

The student will:

- Identify God's wonderful creation
- Name the three persons in the Blessed Trinity
- Look to the Holy Family as an example of family life
- Identify ways of welcoming Jesus into our lives as John the Baptist did
- Retell story of the Good Samaritan
- Identify liturgical seasons and colors

### 2<sup>nd</sup> quarter

The student will:

- Pray and understand the Lord's Prayer
- Recognize Jesus as the Good Shepherd
- Celebrate Jesus died and rose so that all people could live in God's love
- Relate the story of Pentecost and recognize that the Holy Spirit is always with us
- Recognize the leadership of the Church
- Prepare for Jesus during the season of Advent
- Celebrate the joy of Christmas

### 3<sup>rd</sup> quarter

The student will:

- Identify parish and parish helpers
- Recognize the sacraments as a sign of God's love
- Recognize the importance of Baptism
- Recognize and follow Jesus as the Light of the World
- Identify ways to tell God we are sorry, the sacrament of Reconciliation
- Identify ways to grow closer to Jesus during Lent

### 4<sup>th</sup> quarter

The student will:

- Appreciate the connection between the Last Supper and the Eucharist

- Identify the parts of the Mass
- Express our love for God in prayer and deed
- Relate the stories of Mary and the saints as examples and intercessors
- Recognize our individual gifts as a means to care for God's creation
- Celebrate Jesus' dying and rising in the Triduum
- Celebrate the season of Easter

## Science

In first grade, the study of science includes simple classroom and field investigations to help students develop the skills of asking questions, gathering information, making measurements using non-standard units, with tools such as a thermometer to extend their senses, constructing explanations, and drawing conclusions.

### 1<sup>st</sup> quarter

The student will:

- Collect information by observing
- Classify objects by various means, such as ability to float and sink
- Identify properties of solid, liquid, and gas
- Observe water changes from solid to liquid to gas
- Classify sound as loud or soft and high or low
- Observe that sound travels through solid, liquid, and gas
- Observe that light travels through some materials and reflects off of others
- Recognize that a shadow is formed by blocking light
- Observe that heat travels better through some materials
- Recognize that a force is a push or a pull
- Observe and describe what pushes and pulls can do
- Recognize that friction is a force that makes it harder to move objects
- Observe how the magnetic force works and its different uses
- Observe that a magnet has two different poles
- Recognize simple machines

### 2<sup>nd</sup> quarter

The student will:

- Observe and describe differences in soil
- Observe and describe differences in rocks
- Identify ways that rocks can change through erosion
- Identify landforms and examples of bodies of water
- Recognize reduce, reuse, and recycle as ways to preserve natural resources
- Observe and record changes in weather from season to season
- Recognize the four seasons
- Observe and record weather changes from day to day
- Identify patterns in temperature changes related to weather

- Recognize that wind is moving air
- Recognize that clouds form when warm air meets cooler air
- Recognize that rain forms from water drops in clouds
- Compare the day and night skies
- Recognize that heat and light from the sun are essential to life
- Recognize that the moon shines from the light of the sun
- Recognize constellations as picture groups of stars

### 3<sup>rd</sup> quarter

The student will:

- Identify the five senses
- Explain how the five senses help us learn
- Observe physical changes as we grow
- Measure body parts
- Discuss how teeth grow
- Discuss proper care for teeth
- Describe what muscles and bones do
- Identify food groups
- Describe practices that promote good health, such as healthy eating, exercise, cleanliness, and rest
- Determine how balance is affected when your eyes are open and closed
- Identify ways to stay safe

### 4<sup>th</sup> quarter

The student will:

- Distinguish between living organisms and nonliving objects
- Identify characteristics of animals and plants that allow their basic needs to be met
- Sort plant and animal products according to whether they come from plants or animals
- Recognize that plants and animals have characteristics that help them live in a forest, desert, rain forest, ocean
- Identify animals that hibernate during the winter
- Observe and compare plants
- Identify the basic parts of plants and their functions
- Identify the basic parts of a seed
- Recognize that a seed grows into a plant
- Identify that plants need air, light, soil, and water
- Communicate observations about growth
- Measure the growth of plants
- Observe that animals need food, water, air, and a place to live to survive
- Identify different ways to group animals
- Recognize the parts of an insect
- Observe and record changes in the life cycle of a butterfly

- Observe and record changes in the life cycle of a frog

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