

The Galloway School

Fourth Grade - Quarter 1

2019-2020

Welcome to 4th grade! We will be working on the following skills in our classroom. Your child will continue to blossom as a reader. He/She will add diversity to his/her range of genres including photo essays and news articles. Your child will use background knowledge of nonfiction text features to process texts with longer descriptive words and content specific vocabulary.

English Language Arts

Writing

The learner will....

- Write an imaginative piece that shows a plot with a climax
- Plan with a story arc
- Develop believable characters
- Write a letter with language crafted for a specific audience and purpose
- Combine sentences to form compound sentences with coordinating conjunctions
- Identify and write complex sentences with subordinating conjunctions

Reading Comprehension

The learner will....

- Summarize and explain the theme of a fiction story
- Use a story arc to notice details about characters
- Identify complications in characters
- Locating evidence in the text

Expected reading level by the end of the quarter: *Level Q/R*

Math

The learner will....

- Interpret place value position as 10 times the position to the right and one-tenth of the value of the place value to the left
- Represent place value to 1,000,000,000 and decimals to the hundredths using expanded notation and numerals
- Compare and order whole numbers to 1,000,000,000 and represent comparisons using $>$, $<$ or $=$.
- Round whole numbers to a given place value through the hundred thousands place
- Represent decimals including tenths and hundredths, using concrete and visual models and money
- Compare and order decimals using concrete and visual models to the hundredths
- Relate decimals to fractions that name tenths and hundredths
- Determine the corresponding decimal to the tenths or hundredths place of a specified point on a number line
- Add and subtract whole numbers and decimals to the hundredths place using the standard algorithm
- Determine products of a number and 10 or 100 using properties of operations and place value
- Represent the product of 2 two-digit numbers using arrays or area models, including perfect squares through 15 by 15
- Use strategies and algorithms to multiply up to a four-digit number by a one-digit number and a two-digit number by a two-digit number
- Represent the quotient of up to a four-digit whole number divided by a one-digit divisor using arrays and area models
- Use strategies and algorithms to find the quotient of up to a four-digit whole number divided by a one-digit divisor
- Round to the nearest 10, 100 or 1,000
- Estimate solutions
- Solve with fluency one- and two-step problems involving multiplication and division, including how to interpret the remainder

Science

The learner will....

- Demonstrate safe practices and the use of safety equipment during classroom and outdoor investigations
- Make informed choices in the use and conservation of natural resources and reusing and recycling of materials such as paper, aluminum, glass, cans and plastic
- Plan and implement descriptive investigations that ask well-defined questions, make inferences and select/use appropriate equipment or technology
- Collect and record data by observing and measuring, using the metric system and using descriptive words and numbers such as labeled drawings, writing and concept maps
- Construct simple tables, charts, bar graphs and maps using tools and current technology to organize, examine and evaluate data

- Analyze data and interpret patterns to construct reasonable explanations from data that can be observed and measured
- Perform repeated investigations to increase the reliability of results
- Communicate valid oral and written results supported by data
- Critique scientific explanations by using empirical data evidence, logical reasoning and experimental/observational testing to encourage critical thinking
- Draw inferences and evaluate accuracy of services and product claims found in advertisements and labels for toys, food, etc.
- Represent the natural world using models such as rivers, stream tables or fossils and identify their limitations, including accuracy and size
- Connect grade-level appropriate science concepts with the history of science, science careers and contributions of scientists
- Collect, record and analyze information using tools: rulers, hand lenses, thermometers, spring scales, pan balances, triple beam balances, graduated cylinders, beakers magnets timing devices and stopwatches
- Use safety equipment including safety goggles and gloves
- Measure, compare/contrast physical properties of matter, including size, mass, volume, states (solid, liquid, gas), temperature, magnetism and the ability to sink or float
- Predict the changes caused by heating and cooling (condensation/evaporation)
- Compare/contrast a variety of mixtures and solutions

Social Studies

The learner will....

- Identify important customs, symbols, and celebrations of Texas, such as The Alamo and The San Jacinto Monument
- Understand the importance of active individual participation in the democratic process
- Identify and describe geographic regions of Texas
- Identify and describe the Native American groups of Texas