

Language Arts	Mathematics	Science	Social Studies
<p>4th grade students will be engaged in reading, writing, listening, and speaking. By the end of 4th grade, students will be able to:</p> <p>Phonics (In Spanish):</p> <ul style="list-style-type: none"> Identify diphthongs, prefixes/suffixes, use of accent marks, syllable intonation, Greek / Latin roots <p>Reading:</p> <ul style="list-style-type: none"> Identify literary elements of a story including sequence, main idea /details, compare /contrast, cause/effect, author's purpose, fact /opinion, summary, character, plot, setting, problem/ solution, chronology, 1st/ 3rd person Read / discuss genres including poetry, realistic/ fantasy fiction, fables, folk tales and non-fiction + 4 novel studies <p>Writing:</p> <ul style="list-style-type: none"> Be able to write a 5-paragraph persuasive, narrative, and expository essay Take notes, categorize information, conduct research, revise, and edit <p>Grammar:</p> <ul style="list-style-type: none"> Identify nouns, pronouns, adjectives, adverbs, verbs, compound words, synonyms /antonyms, types of sentences, prepositions, definite/ indefinite articles, simple/ complete subject and predicate, conjunctions, clauses, similes/ metaphors, understand proper use of capitalization, abbreviations, and punctuation 	<p>4th grade students will be actively engaged in developing mathematical understandings in real and relevant contexts. By the end of 4th grade, students will be able to:</p> <ul style="list-style-type: none"> Understand place value, compare, order, estimate, and round numbers up to 1 billion Add/subtract within 1 billion Multi-digit multiplication Multi-digit long division Characteristics of polygons Use of protractor to find angles Find perimeter, area, volume of regular and irregular shapes and solids Understand fractions- fractions of a whole, equivalent fractions, simplified form, improper fractions/ mixed numbers, operations with fractions/ mixed numbers, compare/ order fractions Understand how decimals relate to fractions, convert from one to the other, express quantities as both fractions and decimals, operations with decimals Metric/ customary unit conversions, problem solving involving conversions Using a coordinate plane, create and read various types of graphs including histograms Mean, median, mode, range Probability as a fraction Solve equations using variables 	<p>4th grade students will use inquiry to focus on questions about the scientific world around them. By the end of 4th grade, students will learn about and understand:</p> <p>In English:</p> <ul style="list-style-type: none"> Scientific Method Rules of producers, consumers and decomposers, food chains, environmental changes Weather vs. climate, predict weather patterns, identify weather instruments Water Cycle Solar System-physical attributes of stars and star patterns, model the position and motion of Earth in the solar system, moon phases, seasonal changes, size /order of planets and sun, and rotation vs. revolution STEM Activities <p>In Spanish:</p> <ul style="list-style-type: none"> Characteristics of a plant, parts of a plant, plant reproduction, life cycle of a plant Parts of and changes in ecosystems Sound and light energy and how they are created How force affects moving objects, and how force, mass, and energy are related Simple machines 	<p>4th grade students begin the formal study of United States history. At this grade, the four strands of history, geography, civics, and economics are fully integrated. By the end of 4th grade, students will learn about and understand:</p> <p>In English:</p> <ul style="list-style-type: none"> American Indian Nations- Inuit, Kwakwaka'wakw, Nez Perce, Hopi, Pawnee, Seminole European exploration of North America-Cabot, Balboa, De Leon, Columbus, Hudson, and Cartier Life in New England, Middle Colonies, and Southern Colonies American Revolution- Battles of Lexington, Concord, Saratoga, and Yorktown Articles of Confederation vs. Constitution Westward Expansion Abolitionist and Women's Suffrage Movements Concepts of Trade <p>In Spanish, focus is on the country of Puerto Rico, in which the students will learn about the following:</p> <ul style="list-style-type: none"> Symbols, climate, geographic location Political division, major cities Landforms and bodies of water Legends and folk tales Famous people/ famous works of literature, music Cultural/ architectural history Food, music, and dance