

Second Grade

Reading	Writing	Mathematics	Science	Social Studies
<p>Literature</p> <ul style="list-style-type: none"> Describe how characters in story respond to major events and challenges Recount stories Describe the structure of a story(beginning, middle, and end) Describe how words and phrases (e.g. rhymes, regular beats, alliteration) add meaning to a story Beginning use of dictionary Compare and contrast two or more versions of a story Comprehend different type of literature (e.g. stories, fables, poetry) <p>Understanding of Text</p> <ul style="list-style-type: none"> Ask questions: who, what, when, why and how? Identify the main purpose of text, including what the author wants to answer, explain or describe <p>Foundation skills</p> <ul style="list-style-type: none"> Phonics (understand difference between short and long vowels) Decode words with common prefixes and suffixes Fluency to support comprehension Identify words with inconsistent but common spelling-sound correspondences Decode two-syllable words Sight words <p>Speaking and Listening</p> <ul style="list-style-type: none"> Listens attentively and respectfully to peers in group settings Contributes ideas effectively to class discussions and explains ideas clearly 	<p>Text Types and Purposes</p> <ul style="list-style-type: none"> Write opinion pieces in which students introduce the topic of a book Write informative/ explanatory texts in which students introduce topics, use facts and definitions to develop points, and provide concluding statement Write narratives in which students recount a well- elaborated event or short sequence of events, include details to describe actions, thoughts, and feelings; use temporal words to signal event order and provide a sense of closure <p>Sentence Structure and Distribution of Writing</p> <ul style="list-style-type: none"> Capitalize proper nouns, titles, beginning of sentences correctly Write with correct punctuation Spells grade-level appropriate words correctly (spelling patterns) Use neat and legible handwriting Expresses ideas and stays on topic in writing <p>Research to Build and Present Knowledge</p> <ul style="list-style-type: none"> Participate in shared research and writing projects (e.g. read a number of books on a single topic to produce a report; record science observations) Recall information from experiences; gather information from provided sources to answer a question <p>Writer’s Workshop</p> <ul style="list-style-type: none"> Brainstorming using prewriting Rough draft, revising, editing and publishing 	<p>Operations and Algebraic Thinking</p> <ul style="list-style-type: none"> Represent and solve problems involving addition and subtraction Understands and uses inverse relationship between addition and subtraction within 20 (e.g. $8 + 6 = 14$, $14 - 6 = 8$);add and subtract within 100 Uses variables in algebra as well as manipulatives to solve problems <p>Number and Operations in Base Ten</p> <ul style="list-style-type: none"> Understand place value (three digits number represents amounts of hundreds, tens and ones) Counts, reads and writes whole numbers up to 1,000 and identifies place values for each digit Orders and compares whole numbers to 1,000 by using $<$, $>$, and $=$ symbols <p>Measurement and Data</p> <ul style="list-style-type: none"> Understand measurement and estimation in standard units Time (Tells time to the nearest quarter hour and knows relationship of time (e.g., minutes in an hour, days in a month, etc.) Money (Solves problems using combinations of coins and bills) Reads various graphs and answers simple questions pertaining to analysis of graphic data <p>Geometry</p> <ul style="list-style-type: none"> Reason with shapes and their attributes <p>Mathematical Practices</p> <ul style="list-style-type: none"> Identifies and isolates important information in word problems and finds solutions using words, numbers and pictures Use appropriate tools strategically Applies arithmetic concepts to simplify mental Word problems and check results 	<p>Physical Science</p> <ul style="list-style-type: none"> Energy/ Motion Electricity and magnetism Gravity <p>Life Science</p> <ul style="list-style-type: none"> Life cycle of plants with emphasis on basic reproduction Life cycle of animals with emphasis on basic reproduction <p>Earth Science</p> <ul style="list-style-type: none"> Rocks Soil Fossils Compost Habitats Earth resources (e.g. water, food, fuel) Earth’s crust Geologic Time Earth cycle changes (origin of things) <p>Investigation and Experimentation</p> <ul style="list-style-type: none"> Observe Hypothesis Experiment Test hypothesis Make discoveries Record data Derive conclusions 	<ul style="list-style-type: none"> Understands different forms of governments and their roles in the past and the present Demonstrate map skills (read map and is able to locate geographic features using grids, cardinal directions and relational terms Familiar with certain notable individuals from history and comprehends their respective impacts on our world (Presidents, scientist, etc.) Understand the importance of governmental institutions and practices in the United states and around the world Self and society America Past/ America Present Demonstrates understanding of basic economic principles (e.g., supply and demand, production and manufacturing, the role of money, etc.) <p>Guatemala</p> <ul style="list-style-type: none"> Currency Festival Dates Culture Map Location Mayan Ruins (Tikal) National Symbol (El Quetzal) Music (Marimba) Rigoberta Menchu (Nobel Prize Winner) Food Clothing (handmade) History