

Third Grade

Reading	Writing	Mathematics	Science	Social Studies
<ul style="list-style-type: none"> • Ask/answer questions to demonstrate understanding of a text, referring explicitly to the text: main ideas, details, time, sequence, cause/effect • Recount stories from diverse cultures; determine central message, lesson • Describe characters and parts in a story and relationship to the sequence of events • Use text features and search tools to locate information relevant to a given topic • Distinguish own point of view from that of the author • Know and apply phonics and word analysis skills in decoding words, multisyllabic words and irregularly spelled words • Identify and know the meaning of the most common prefixes and derivational suffixes • Read with accuracy, fluency, purpose and understanding to support comprehension • Use context to confirm or self-correct word recognition and understanding, rereading as necessary. 	<ul style="list-style-type: none"> • Write opinion pieces on topics or texts, supporting a point of view with reasons: introduce the topic or text; state opinion; create organizational structure that lists reasons; provide a concluding statement or section • Write informative/explanatory texts to examine a topic and convey ideas and information clearly: introduce topic and group related information together; include illustrations to aid comprehension; develop topic with facts, definitions, and details; use linking words and phrases to connect ideas within categories of information; provide concluding statement or section • Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences: establish situation and introduce narrator/characters; organize event sequence that unfolds naturally; use dialogue and descriptions of actions, thoughts, and feelings to develop experiences and events or show the response of characters to situations; use temporal words and phrases to signal event order; provide a sense of closure • Produce writing in which the development and organization are appropriate to task and purpose; writing as needed by planning, revising, and editing; use technology to produce and publish writing • Conduct short research projects that build knowledge about a topic: gather information from print and digital sources; take brief notes on sources and sort evidence into categories 	<ul style="list-style-type: none"> • Interpret products and quotients of whole numbers • Multiply and divide within 100 • Understand relationship between multiplication and division (e.g., $8 \times 5 = 40$, $40 \div 5 = 8$) • Know from memory all products of two one-digit numbers • Solve problems involving the four operations-Identify arithmetic patterns and explain them using properties of operations • Use place value understanding and properties of operations to perform multi-digit arithmetic • Round numbers to the nearest 10 or 100 • Understand fractions as numbers • Explain equivalence of fractions/ express whole numbers as fractions • Recognize area as an attribute of plane figures and understand concepts of area measurement • Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures • Solve real world and mathematical problems involving perimeters of polygons • Recognize rhombuses, rectangles, and squares as examples of quadrilaterals 	<ul style="list-style-type: none"> • Know that energy and matter have multiple forms and can be changed from one form to another: energy comes from the Sun to Earth in the form of light; sources of stored energy take many forms such as food, fuel, and batteries; machines and living things convert stored energy to motion and heat; energy can be carried from one place to another by waves, such as water waves and sound waves, by electric current, and by moving objects • Know that when two or more substances are combined, a new substance may be formed with properties that are different from those of the original materials • Know that all matter is made of small particles of elements called atoms • Know that: sunlight can be blocked to create shadows; light is reflected from mirrors and other surfaces; color of light striking an object affects the way the object is seen; an object is seen when light traveling from the object enters the eye • Understand concepts of biodiversity, evolution and extinction • Differentiate evidence from opinion- know that claims or conclusions must be backed by observations that can be confirmed • Use scientific method: collect data; predict outcomes of investigations and compare results with predictions; analyze data to develop logical conclusions 	<ul style="list-style-type: none"> • Describe physical/human geography using maps, tables, etc. to organize information about people, places, and environments in a spatial context • Identify geographical features in local region and know how resources are used/physical environments modified • Know about Indians, including languages, religions, customs, folklore, and interaction with new settlers • Research explorers and immigrants with respect to economies established by settlers • Determine the reasons for rules, laws, and the U.S. Constitution • Describe the lives of notable Americans • Demonstrate basic economic reasoning skills and an understanding of use of natural, human, and capital resources • Understand that individual economic choices involve trade-offs and the evaluation of benefits and costs • Interpret time lines, applying terms related to time (past, present, future, decade, century) • Distinguish fact from fiction by comparing sources on historical figures and events with fictionalized characters and events • Interpret multiple causes and effects of historical events • Study of Peru