

Curriculum Mapping

Second Quarter

Grade 5

Math	Reading (Goals 1-3)	Writing (Goals 4-5)	Science	Social Studies	Healthful Living
<p style="text-align: center;">Number and Operations</p> <p>1.01 Develop number sense for rational numbers 0.001 through 999,999.</p> <p>1.01a Connect model, number word, and number using a variety of representations.</p> <p>1.01b Build understanding of place value (thousands through hundred thousands).</p> <p>1.01c Build understanding of place value (thousandths through hundred thousandths).</p> <p>1.02 Develop fluency in adding and subtracting non-negative rational numbers (halves, fourths, eighths; thirds, sixths, twelfths; fifths, tenths, hundredths, thousandths; mixed numbers).</p> <p>1.02a Develop and analyze strategies for adding and subtracting numbers.</p> <p>1.02b Estimation of</p>	<p>1.06 Reads independently daily from self-selected materials</p> <p>1.05 Selects key vocabulary critical to the text and apply appropriate meanings as necessary for comprehension.</p> <p>1.03 Increases reading and writing vocabulary.</p> <p>2.03 Read a variety of texts: fiction, nonfiction, poetry, and drama (books of true experience, newspaper and magazine articles, schedules.)</p> <p>2.04 Reads and comprehends grade appropriate expository text</p> <p>2.021 supporting answers from textual information and previous experiences</p> <p>2.11 Identifies strategies used by a speaker or writer to inform, entertain, or influence and audience.</p> <p>2.071 problem/solution (nonfiction)</p> <p>2.073 hierarchial</p> <p>3.05 Integrates main idea and supporting details from multiple sources to expand understanding of text.</p>	<p style="text-align: center;">Move through the 5 steps of the Writing Process</p> <p>4.023 answer open-ended questions</p> <p>4.026 Evaluate information and ideas</p> <p>4.01 Reads familiar text with fluency and expression with an awareness of audience.</p> <p>4.03 Makes written presentations to inform, selecting vocabulary for impact.</p> <p>4.04 Selects a self-evaluated composition for publication.</p> <p>4.05 Uses a variety of preliminary strategies to plan and organize the writing and speaking task considering the purpose and audience.</p> <p>4.06 Composes a draft that uses an appropriate organizational pattern that accomplishes the purpose of the writing.</p> <p>4.07 Composes a variety of texts using self-selected and assigned topics and formats</p>	<p style="text-align: center;">WEEKS 5-9</p> <p style="text-align: center;">Cochrane</p> <p>Goal 4: Weather</p> <p>4.01 Analyze the water cycle.</p> <p>4.02 Analyze the formation of clouds and their relation to weather systems.</p> <p>4.03 Relate global patterns of atmospheric movement to local weather.</p> <p>4.04 Compile weather data to establish climate trends.</p> <p>4.05 Evaluate the effect that oceans have on weather and climate.</p> <p style="text-align: center;">Haight</p> <p>Goal 1: Ecosystem</p> <p>1.01 Assess a variety of ecosystems (a community of organisms and it's interaction with the environment).</p> <p>1.02 Determine the function of organisms within the population of the ecosystem: producers, consumers, and decomposers.</p> <p>1.03 Evaluate the variety of organisms an</p>	<p style="text-align: center;">WEEKS 1-4</p> <p>2.05 Assess the role of political parties in society.</p> <p>2.06 Explain the role of public education in the United States.</p> <p>2.07 Compare and contrast the educational structure of the United States to those of Canada, Mexico, and selected countries of Central America.</p> <p>2.08 Describe the different types of families and compare and contrast the role the family plays in the societal structures of the United States, Canada, Mexico, and selected countries of Central America.</p> <p>3.01 Locate and describe people of diverse ethnic and religious cultures, past and present, in the United States.</p> <p>3.02 Examine how changes in the</p>	<p>4.1 Interpret stereotyping and discrimination as limiting and hurtful behaviors.</p> <p>4.2 List and follow rules for productive discussion.</p> <p>4.3 Identify alternatives to fight or flight as means of resolving interpersonal conflicts.</p> <p>4.4 Describe means of adapting to changing relationships and friendships.</p> <p>4.5 Identify family, school, and community as sources of social support to reduce or prevent stress.</p>

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<p>sums and differences in appropriate situations.</p> <p>1.02c Judge the reasonableness of solutions.</p> <p>1.03 Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil.</p> <p style="text-align: center;">Measurement</p> <p>2.01 Estimate the measure of an object in one system given the measure of that object in another system.</p> <p>2.02 Identify, estimate, and measure the angles of plane figures using appropriate tools.</p> <p style="text-align: center;">Geometry</p> <p>3.01 Identify, define, describe, and accurately represent triangles, quadrilaterals, and other polygons.</p> <p>3.02 Make and test conjectures about polygons involving:</p> <p>3.02a Sum of the measure of interior angles.</p>	<p>2.09 Evaluates the usefulness and quality of information and ideas based on purpose, experience, text(s), and graphics.</p> <p>2.06 Evaluates inferences, conclusions, and generalizations and provides evidence by referencing the text.</p> <p>2.106 making inferences and drawing conclusions</p>	<p>including news articles, letters-to-the-editor, and business letters.</p> <p>4.09 Produces work that follows the conventions of particular genres such as essays and business letters.</p> <p>5.04 Demonstrates understanding in speaking and writing by using troublesome verbs.</p> <p>5.05 Elaborates information and ideas in speaking and writing by using prepositional phrases and transitions</p> <p>5.01 Spells most commonly used words accurately using a multi-strategy approach to the learning of new words.</p> <p>5.03 Consistently uses correct capitalization and punctuation, capitals for names of magazines, newspapers, and organizations and a colon to introduce a list.</p>	<p>ecosystem can support.</p> <p>1.04 Relate the role of light, range of temperatures, and soil composition to an ecosystem's capacity to support life.</p> <p>1.05 Evaluate the major source of energy for ecosystems (sunlight) and how it is passed from organism to organism in food webs.</p> <p>1.06 Assess the interaction of organisms with one another within an ecosystem.</p> <p style="text-align: center;">Willard</p> <p>Goal 3: Landforms</p> <p>3.01 Summarize changes to the earth caused by erosion, weathering, and mass wasting.</p> <p>3.02 Compare and contrast the stages of stream erosion and the valleys they produce.</p> <p>3.03 Compare and contrast the rock structure and relief of plains, plateaus, and mountains.</p> <p>3.04 Assess the apparent jigsaw fit of the continents,</p>	<p>movement of people, goods, and ideas have affected ways of living in the United States.</p> <p>3.03 Identify examples of cultural interaction within and among the regions of the United States.</p> <p>3.04 Hypothesize how the differences and similarities among people have produced diverse American cultures.</p> <p>3.05 Describe the religious and ethnic impact of settlement on different regions of the United States.</p> <p>3.06 Compare and contrast the roles various religious and ethnic groups have played in the development of the United States with those of Canada, Mexico, and selected countries of Central America.</p> <p>3.07 Describe art, music, and craft forms in the United States and compare them to</p>	

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<p>3.02b Lengths of sides and diagonals.</p> <p>3.02c. Parallelism and perpendicularity of sides and diagonals.</p> <p>3.03 Classify plane figures according to types of symmetry (line, rotational).</p> <p>3.04 Solve problems involving the properties of triangles, quadrilaterals, and other polygons.</p> <p>3.04a Sum of the measures of interior angles.</p> <p>3.04b Length of sides and diagonals.</p> <p>3.04c Parallelism and perpendicularity of sides and diagonals.</p> <p style="text-align: center;">Data Analysis and Probability</p> <p>4.01 Collect, organize, analyze and display data (including stem-and- leaf plots) to solve problems.</p> <p>4.02 Compare and contrast different representations of the same data; discuss the effectiveness of each representation.</p>				<p>various art forms in Canada, Mexico, and selected countries of Central America.</p>	

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<p>Algebra 5.03 Identify, describe, and analyze situations with constant or varying rates of change.</p> <p>Transition Year Objectives</p> <p>1.14T Use models and pictures to add and subtract fractions and mixed numbers with unlike denominators; record solutions.</p> <p>1.16T Use models and pictures to multiply a whole number by a decimal number; record and explain.</p> <p>2.01T Use and make models to demonstrate formulas for the area a perimeter of squares and rectangles, to compare units of area within the same system, and to investigate and compare units of volume.</p> <p>2.08T Investigate similar figures using rulers and protractors.</p> <p>4.01T Interpret and construct line graphs.</p> <p>4.08T Compare experimental and</p>					

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theoretical (expected) results for a variety of simple experiments.					