

Curriculum Mapping

Third Quarter

Grade 4

Math	Reading (Goals 1-3)	Writing (Goals 4-5)	Science	Social Studies	Healthful Living
<p>1.01 Develop number sense for rational numbers 0.01 through 99,999.</p> <p>1.01a Connect model, number word, and number using a variety of representations.</p> <p>1.01b Build understanding of place value (hundredths through ten thousands).</p> <p>1.01c Compare and order rational numbers.</p> <p>1.01 Develop fluency with multiplication and division:</p> <p>1.02a Two-digit by two-digit multiplication (larger numbers with calculator).</p> <p>1.02c Strategies for multiplying and dividing numbers.</p> <p>1.02d Estimation of products and quotients</p> <p>1.03 Solve problems using models, diagrams, and reasoning about fractions and relationships among fractions involving halves, fourths, eighths, thirds, sixths, twelfths, fifths, tenths, hundredths, and mixed numbers.</p> <p>1.04 Develop fluency with addition and subtraction of non-negative rational numbers with like denominators, including decimal fractions through hundredths.</p> <p>1.04a Develop and analyze strategies for adding and subtracting numbers.</p> <p>1.04b Estimate sums and differences.</p> <p>1.04c Judge reasonableness of solutions.</p> <p>1.05 Develop flexibility in solving problems by selecting strategies and using mental</p>	<p>1.03 Uses context clues to discern the meanings of unfamiliar vocabulary.</p> <p>1.06 Uses word reference materials (dictionary, thesaurus) to identify and comprehend unknown words.</p> <p>1.07 Reads independently daily from self-selected materials.</p> <p>2.05 Reads a variety of fiction, nonfiction, poetry, and drama texts (legends, novels, folklore, science fiction)</p> <p>2.07 Identifies and interprets elements of fiction and supports by referencing the text to determine the:</p> <p>2.071 Conflict.</p> <p>2.074 Theme.</p> <p>2.075 Author's choice of words.</p> <p>2.076 Point-of-view (characters,, author).</p> <p>3.02 Analyzes characters, the motives for their actions, events, and plots from different selections</p>	<p>4.01 Reads familiar text with fluency and . expression demonstrating an awareness of volume and pace.</p> <p>4.025 Recount or retell.</p> <p>4.05 Uses planning strategies to generate topics and to organize ideas including mapping.</p> <p>4.06 Composes a draft that maintains focus on the topic with specific and relevant details.</p> <p>4.07 Composes a variety of texts using self-selected and assigned topics and forms including personal and imaginative narratives.</p> <p>4.082 Sufficient and relevant elaboration.</p> <p>4.083 Word choice.</p> <p>4.09 Produces work that follows the conventions of particular genres such as personal and imaginative narrative.</p> <p>5.012 Specific, relevant details.</p>	<p>Demko and Wetherell</p> <p>4.01 Assess the invention of tools and techniques to solve problems.</p> <p>4.02 Observe the many tools that are based on designs found in nature.</p> <p>4.03 Determine how people use simple machines to solve problems.</p> <p>4.04 Evaluate the attributes of simple machines that can be manipulated or combined to affect outcomes.</p> <p>4.05 Assess the natural resources necessary to construct machines and tools</p> <p>Peters and Walters</p> <p>3.01 Design an electric circuit as a complete pathway with an energy source, energy receiver, and energy conductor.</p> <p>3.02 Determine the ability of electric circuits</p>	<p>1.01 Locate, in absolute and relative terms, landforms, bodies of water and natural resources in North Carolina. (Piedmont)</p> <p>1.02 Describe physical and cultural characteristics of the Piedmont.</p> <p>1.03 Suggest some influences that location has o life in the Piedmont such as major cities, recreation areas, industry, and farms.</p> <p>6.01 Explain the relationship between unlimited wants and limited resources.</p> <p>6.02 Analyze the choices and opportunity cost involved in economic decisions.</p> <p>6.03 Categorize the</p>	<p>2.1 Associate personal behaviors with universal standards.</p> <p>2.2 Identify feelings of contentment, enthusiasm and confidence and demonstrate healthy ways to express those feelings.</p> <p>2.3 Identify feelings of disappointment, embarrassment, boredom, and loneliness and demonstrate healthy ways to express those feelings.</p> <p>2.4 Distinguish between needs and wants.</p> <p>2.5 Describe patterns of normal physical and emotional development at puberty. (On going)</p>

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<p>computation, estimation, calculators or computers, and paper and pencil..</p> <p>3.02 Describe the relative position of lines using concepts of parallelism and perpendicularity.</p> <p>3.03 Identify, predict, and describe the results of transformations of plane figures.: a)Reflections; b) Translations; c)Rotations</p> <p>4.01 Collect, organize, analyze, and display data (including line graphs and bar graphs) to solve problems.</p> <p>4.02 Describe the distribution of data using median, range, and mode.</p> <p>1.13T Round traditional numbers to the nearest whole number and justify.</p> <p>2.01T Identify points, lines, and angles (acute, right, and obtuse); identify in the environment.</p> <p>2.02T Use manipulatives, pictorial representations, and appropriate vocabulary (e.g.sides, angles, and vertices) to identify properties of plane figures identify in the environment.</p> <p>2.03T Use manipulatives, pictorial representations, and appropriate vocabulary (e.g. faces, edges, and vertices) to identify properties of polyhedra (solid figures); identify in the environment.</p> <p>2.07T Estimate and measure length, capacity, and mass using these additional units: miles, kilometers, milliliters, kilograms, and tons.</p> <p>4.02T Display data in a variety of ways including circle graphs.</p>	<p>and cites supporting evidence.</p> <p>2.072 Plot.</p> <p>3.011 Analyzing the impact of author's word choice and context.</p> <p>3.012 Examining the reasons for character's actions.</p> <p>3.013 Identifying and examining character's motives.</p> <p>3.03 Recognizes the ways language and visuals bring characters to life, enhance the plot development, and produce a response.</p> <p>3.014 Considering a situation or problem from different characters' points of view.</p>	<p>5.013 Coherence.</p> <p>5.06 Demonstrates evidence of language cohesion by:</p> <p>5.061 Logical sequence of fiction retells.</p> <p>5.062 Time order sequence of events.</p> <p>4.09 Produces work that follows the conventions of particular genres such as research reports.</p> <p>5.013 coherence</p> <p>5.014 Elaboration.</p> <p>5.043 Commas and quotation marks in dialogue.</p> <p>5.073 Regular and irregular verbs.</p> <p>5.053 Demonstrates understanding in speaking and writing by appropriate usage of verb tense consistency.</p>	<p>to produce light, heat, sound, and magnetic effects.</p> <p>3.03 Analyze the parts of a light bulb.</p> <p>3.04 Assess the pull of magnets on all materials made of iron and the pushes or pulls on other magnets.</p> <p>3.05 Measure magnetic effects over distance or through substances such as glass and paper.</p>	<p>state's resources as natural, human, or capital.</p> <p>6.04 Assess how the state's natural resources are being used.</p> <p>6.05 Recognize that money can be used for spending, saving, and paying taxes.</p> <p>6.06 Analyze the relationship between government services and taxes.</p> <p>6.07 Describe the ways North Carolina specializes in economic activity and the relationship between specialization and interdependence.</p> <p>6.08 Cite examples of interdependence in North Carolina's economy and evaluate the significance of economic relationships with other states and nations. (On going)</p>	

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