

Curriculum Mapping

Fourth Quarter

Grade 4

Math	Reading (Goals 1-3)	Writing (Goals 4-5)	Science	Social Studies	Healthful Living
<p>1.02 Develop fluency with multiplication and division:</p> <p>1.02a Two-digit by two-digit multiplication (larger numbers with calculator).</p> <p>1.02b Up to 3-digit by 2-digit division (larger numbers with a calculator.)</p> <p>1.02c Strategies for multiplying and dividing numbers.</p> <p>1.02d Estimation of products and quotients</p> <p>1.02e Relationships between operations.</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>1.05 Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil..</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>1.07 Reads independently daily from self-selected materials. (On going)</p> <p>1.01 Uses word identification strategies appropriately and automatically when encountering unknown words.</p> <p>1.05 Increases reading and writing vocabulary</p> <p>2.05 Reads a variety of fiction, nonfiction, poetry, and drama texts (plays/skits)</p> <p>2.10 Determines usefulness of information and ideas consistent with purpose.</p> <p>2.12 Listens actively by asking questions, paraphrasing what was said, interpreting speaker’s verbal messages, non-verbal messages, and purposes.</p> <p>3.06 Conducts research for assigned projects or self-selected projects (with assistance) from a variety of sources through</p>	<p><i>Uses oral and written language to :</i></p> <p>4.027 explain own learning</p> <p>4.025 make decisions</p> <p>4.101 Uses technology as a tool to gather and organize information.</p> <p>4.054 Uses planning strategies to generate topics and organize ideas.</p> <p>4.64 Composes a draft that conveys major ideas and maintains focus on the topic with specific, relevant supporting details by using preliminary plans.</p> <p>4.74 Composes a variety of text using self-selected and assigned topics and forms including research, reports, and drama.</p> <p><i>Revises by focusing on:</i></p> <p>4.84 varied sentence patterns.</p> <p><i>Elaborates information and ideas in writing and speaking by using:</i></p> <p>5.33 adverbs</p> <p>5.063 Proofreads and corrects most misspellings</p>	<p>2.01 Describe the composition of a mineral. (Each mineral has a definite chemical composition and structure resulting in definite physical properties.)</p> <p>2.02 Analyze the mineral composition of rocks.</p> <p>2.03 Assess the uses of rocks and minerals.</p> <p>2.04 Classify rocks using student-devised rules.</p>	<p>1.03 Suggest some influences that location has on life in North Carolina such as major cities, recreation areas, industry, and farms.</p> <p>1.04 Evaluate ways the people of NC used, modified, and adapted to the physical environment, past and present.</p> <p>1.05 Assess human movement as it relates to the physical environment.</p> <p>4.01 Assess and evaluate the importance of regional diversity on the development of economic, social, and political institutions in NC.</p> <p>4.03 Explain the importance of responsible citizenship and identify ways North Carolinians can participate in civic affairs.</p> <p>4.04 Examine ways North Carolinians govern themselves and identify major government authorities at the local and state level.</p> <p>5.02 Describe</p>	<p>4.1 Recognize and demonstrate the importance of facial expression, body language, and verbal expression in communication.</p> <p>4.2 Describe the variety of relationships between people.</p> <p>4.3 Explain the value of social support.</p> <p>3.1 Benefits of bicycle helmets.</p> <p>3.2 Exercise caution when entering or crossing a street or road.</p> <p>3.3 Avoid swerving and wrong-way riding on a bicycle.</p> <p>3.4 Provide first aid for choking victims, including demonstrating the Heimlich maneuver.</p> <p>3.5 Analyze advertising for health-related products and describe individual measures that can be taken.</p>

Curriculum Mapping

Fourth Quarter

Grade 4

Math	Reading (Goals 1-3)	Writing (Goals 4-5)	Science	Social Studies	Healthful Living
<p>4.03 Solve problems by comparing 2 sets of related data (not on same graph)</p> <p>4.04 Design experiments and list all possible outcomes and probabilities for an event.</p> <p>5.01 Identify, describe, and generalize relationships in which:</p> <p>5.01a Quantities change proportionally.</p> <p>5.01b Change in one quantity relates to change in a second quantity.</p> <p>5.02 Translate among symbolic, numeric, verbal, and pictorial representations of number relationships.</p> <p>5.03 Verify mathematical relationships using:</p> <p>5.03a Models, words, and numbers.</p> <p>1.16T Divide using single-digit divisors, with and without remainders.</p> <p>2.07T Estimate and measure length, capacity and mass using these additional units: miles, kilometers, milliliters, kilograms, and tons.</p> <p>4.01T Interpret and construct stem and leaf plots.</p>	<p>the use of technological and informal tools (print, non-print, artifacts, people, databases, computer networks.)</p> <p>3.04 Makes informed judgments about television and film/video productions</p>	<p>independently with reference to resources.</p> <p>5.021 Demonstrates understanding in speaking and writing by appropriate usage of pronouns.</p> <p>5.07 Uses established criteria to edit for language conventions and format</p>		<p>traditional art music and craft forms in NC.</p> <p>5.03 Describe and compare the cultural characteristics of regions within NC and evaluate their significance.</p> <p>6.08 Cite examples of interdependence in NC's economy and evaluate the significance of economic relationships with other states and nations.</p> <p>7.02 Analyze the effect of technology on NC's citizens past and present.</p> <p>7.03 Explain how technology changed and influenced the movement of people, goods, and ideas over time.</p>	