

# Hickman County Curriculum Map

Fourth Grade

Mathematics

Fifth Six Weeks

Grade Level Expectations	Checks for Understanding	Student Performance Indicator(s)
<p>GLE 0406.1.3 Develop independent reasoning to communicate mathematical ideas and derive algorithms and/or formulas.</p> <p>GLE 0406.2.2 Develop fluency with multiplication and single-digit division.</p> <p>GLE 0406.2.4 Understand and use the connections between fractions and decimals.</p> <p>GLE 0406.3.1 Extend understanding of a variable to equations involving whole numbers, fractions, decimals, and/or mixed numbers</p> <p>GLE 0406.4.1 Understand and use the properties of lines, segments, angles, polygons, and circles.</p> <p>GLE 0406.4.4 Understand the representation of location and movement within the first quadrant of a coordinate system.</p> <p>GLE 0406.5.2 Use probability to describe chance events.</p>	<p>0406.1.3 Connect operations with decimals to money and make estimates</p> <p>GLE 0406.1.5 Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.</p> <p>0406.2.6 Divide three-digit whole numbers by one-digit divisors fluently with pencil and paper</p> <p>0406.2.14 Understand the role of the remainder in division</p> <p>0406.4.14 Explain how the components of a coordinate system are used to determine location.</p> <p>0406.4.15 Explore properties of paths between points.</p> <p>0406.4.16 Examine transformations in the coordinate plane.</p> <p>0406.4.17 Predict the results of a transformation of a geometric shape.</p> <p>0406.4.18 Determine whether a geometric shape has line and/or rotational symmetry.</p>	<p>SPI 0406.1.3 Determine the correct change from a transaction</p> <p>SPI 0406.2.1 Read and write numbers from hundredths to hundred-thousands in numerals and in words.</p> <p>SPI 0406.2.3 Identify the place value of a specified digit in a number and the quantity it represents.</p> <p>SPI 0406.2.6 Use the symbols <math>&lt;</math>, <math>&gt;</math> and <math>=</math> to compare common fractions and decimals in both increasing and decreasing order.</p> <p>SPI 0406.2.11 Solve problems using whole number multi-digit multiplication.</p> <p>SPI 0406.4.2 Graph and</p>

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<p><a href="http://pbskids.org/cyberchase/games/probability/index.html">http://pbskids.org/cyberchase/games/probability/index.html</a></p> <p><a href="http://nlvm.usu.edu/en/nav/grade_g_2.html">http://nlvm.usu.edu/en/nav/grade_g_2.html</a></p> <p><a href="http://www.emints.org/ethemes/resources/S00002262.shtml">http://www.emints.org/ethemes/resources/S00002262.shtml</a></p>	<p>0406.4.19 Design and analyze simple tilings and tessellations</p> <p>0406.5.1 Create and label appropriate scales for graphs.</p> <p>0406.5.2 Evaluate how well various representations show the collected data.</p> <p>0406.5.4 Develop and use stem-and-leaf plots.</p> <p>0406.5.5 Use measures of central tendency to compare two sets of related data.</p> <p>0406.5.6 Determine a simple probability</p> <p>0406.5.7 Express a probability pictorially.</p>	<p>interpret points with whole number or letter coordinates on grids or in the first quadrant of the coordinate plane</p> <p>SPI 0406.4.3 Construct geometric figures with vertices at points on a coordinate grid.</p> <p>SPI 0406.4.5 Identify attributes of simple and compound figures composed of 2- and 3-dimensional shapes.</p> <p>SPI 0406.4.10 Identify images resulting from reflections, translations, or rotations</p> <p>SPI 0406.5.3 Given a set of data or a graph, describe the distribution of the data using median, range, or mode.</p>
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