

Hickman County Curriculum Map

Fourth Grade

Mathematics

Sixth 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 0406.2.4 Understand and use the connections between fractions and decimals</p> <p>GLE 0406.2.5 Add and subtract fractions with like and unlike denominators.</p> <p>GLE 0406.2.6 Solve problems involving whole numbers, fractions, and/or decimals using all four</p>	<p>0406.1.4 Use commutative, associative, and distributive properties of numbers including oral descriptions of mathematical reasoning.</p> <p>0406.1.2 Identify the range of appropriate estimates, including over-estimate and under-estimate</p> <p>0406.4.6 Recognize the use of decimals in metric measures</p> <p>0406.4.8 Recognize that a measure of area represents the total number of same-sized units /that cover the shape without gaps or overlaps.</p> <p>0406.4.9 Recognize that area does not change when 2-dimensional figures are cut apart and rearranged.</p>	<p>SPI 0406.1.1 Verify a conclusion using the commutative, associative and distributive properties</p> <p>SPI 0406.2.2 Locate and place mixed numbers on the number line.</p> <p>SPI 0406.2.5 Generate equivalent forms of common fractions and decimals and use them to compare size.</p> <p>SPI 0406.2.7 Convert improper fractions into mixed numbers and/or decimals</p> <p>SPI 0406.2.8 Add and subtract proper fractions with like and unlike denominators and simplify the answer.</p> <p>SPI 0406.2.12 Solve problems using whole number division with one- or two-digit divisors</p> <p>SPI 0406.3.1 Use letters and symbols to represent an unknown quantity and write a simple mathematical expression.</p> <p>SPI 0406.4.9 Solve problems involving area and/or perimeter of rectangular figures</p> <p>SPI 0406.5.1 Depict data using various representations</p>

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<p>arithmetic operations</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 0406.5.1 Collect, record, arrange, present, and interpret data using tables and various representations.</p>		<p>(e.g., tables, pictographs, line graphs, bar graphs).</p>
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