

# Hickman County Curriculum Map

Fifth Grade

Mathematics

Fifth Six Weeks

Grade Level Expectations	Checks for Understanding	Student Performance Indicator(s)
<p>GLE 0506.3.3 Understand and apply the substitution property.</p> <p>GLE 0506.4.2 Describe polyhedral solids and analyze their properties, including volume and surface area.</p> <p>GLE 0506.4.4 Solve problems that require attention to both approximation and precision of measurement.</p>	<p>0506.1.1 Make and test conjectures about geometric properties and develop logical arguments to justify conclusions.</p> <p>0506.2.1 Identify prime numbers up to 50.</p> <p>0506.3.1 Evaluate an expression by substituting non-negative rational number values for letter variables in the expression.</p> <p>0506.3.4 Solve single-step linear inequalities and graph solutions on a number line.</p> <p>0506.4.2 Find the area of a convex polygon by decomposing it into triangles/rectangles.</p> <p>0506.4.3 Build, draw, and work with prisms by means of orthogonal views, projective views, and nets.</p> <p>0506.4.4 Describe and identify the five regular (Platonic) solids and their properties with respect to faces, shapes of faces, edges, and vertices.</p> <p>0506.4.13 Recognize and use measures of weight and temperature.</p>	<p>SPI 0506.2.7 Recognize equivalent representations for the same number.</p> <p>SPI 0506.2.8 Write terminating decimals in the form of fractions or mixed numbers.</p> <p>SPI 0506.2.9 Compare whole numbers, decimals and fractions using the symbols <math>&lt;</math>, <math>&gt;</math>, and <math>=</math>.</p> <p>SPI 0506.4.1 Solve contextual problems that require calculating the area of triangles and parallelograms.</p> <p>SPI 0506.4.3 Identify a three-dimensional object from two-dimensional representations of that object and vice versa.</p> <p>SPI 0506.4.5 Find the length of vertical or horizontal line segments in the first quadrant of the coordinate system, including problems that require the use of fractions and decimals.</p> <p>SPI 0506.4.6 Record measurements in context to reasonable degree of accuracy using decimals and/or fractions.</p>

Polyhedral/platonic solids— <http://home.comcast.net/~tpgettys/poly.html>

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<http://www.ics.uci.edu/~eppstein/junkyard/polymodel.html>

Coordinate system— [http://www.colorado.edu/geography/gcraft/notes/coordsys/coordsys\\_f.html](http://www.colorado.edu/geography/gcraft/notes/coordsys/coordsys_f.html)