

# Hickman County Curriculum Map

Seventh Grade

Mathematics

Sixth Six Weeks

Grade Level Expectations	Checks for Understanding	Student Performance Indicator(s)
<p>GLE 0706.2.7 Understand and use scientific notation.</p>	<p>0706.2.14 Express numbers in scientific notation and recognize its importance in representing the magnitude of a number.</p> <p>0706.2.15 Report results of calculations appropriately in a given context (i.e. using rules of rounding, degree of accuracy, and/or significant digits).</p>	
<p>GLE 0706.3.4 Use function notation where <math>f(x)</math> represents the output that the function <math>f</math> assigns to the input <math>x</math>.</p>	<p>0706.3.5 Plot points to represent tables of linear function values.</p>	

Unit Review and Assessment

<p>GLE 0706.1.8 Use technologies/manipulatives appropriately to develop</p>	<p>0706.1.10 Model algebraic equations with manipulatives, technology, and pencil and paper.</p>	
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<p>understanding of mathematical algorithms, to facilitate problem solving, and to create accurate and reliable models of mathematical concepts.</p> <p style="text-align: center;">and</p> <p>GLE 0706.1.2 Apply and adapt a variety of appropriate strategies to problem solving, including estimation, and reasonableness of the solution.</p> <p style="text-align: center;">and</p> <p>GLE 0706.1.3 Develop independent reasoning to communicate mathematical ideas and derive algorithms and/or formulas.</p>	<p>0706.1.11 Translate from calculator notation to scientific/standard notation.</p> <p>0706.1.12 Use dynamic geometry software to explore scale factor and similarity.</p> <p>Review of basic mathematical algorithms using hands-on mathematics explorations</p>	
<p>GLE 0706.1.7 Recognize the historical development</p>	<p>0706.1.9 Use age-appropriate books, stories, and videos to convey ideas of mathematics.</p>	

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of mathematics, mathematics in context, and the connections between mathematics and the real world.	Explore how mathematics relates to the real-world	
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### Resources

Jefferson Co Schools Website

[www.classzone.com](http://www.classzone.com) (McDougal Littell textbook website)

[www.themathworksheetsite.com](http://www.themathworksheetsite.com)

<http://illuminations.nctm.org/>

[www.mathplayground.com](http://www.mathplayground.com)