

## Curriculum Map: 7<sup>th</sup> Grade (will be updated throughout 2015-16)

Unit	Essential Questions	Standards	Vocabulary	Assessments
#1: Ratios and Proportionality	<p>How does comparing quantities describe the relationship between them?</p> <p>What are the different ways to represent data?</p>	<p>7.RP.1 (Unit Rates)</p> <p>7.RP.2 (Proportional Relationships)</p>	<ul style="list-style-type: none"> <li>• Unit Rate</li> <li>• Equivalent Fraction</li> <li>• Complex Fraction</li> <li>• Proportional</li> <li>• Constant of Proportionality</li> <li>• Direct Variation</li> </ul>	Ratios and Proportionality Summative
#2: Percents and Scale Drawings	<p>How are percents used and applied in real life?</p> <p>Why do we use scale drawings?</p> <p>How do we create scale drawings?</p>	<p>7.RP.3 (Percents)</p> <p>7.G.1 (Scale Drawings)</p>	<ul style="list-style-type: none"> <li>• Scale</li> <li>• Scale Factor</li> <li>• Blueprint</li> <li>• Proportion</li> </ul>	<p>Blueprint Performance Task</p> <p>Grocery Performance Task</p> <p>Percents Summative</p>

			<ul style="list-style-type: none"> <li>• Percent</li> <li>• Tip (Gratuity)</li> <li>• Sales Tax</li> <li>• Mark Up</li> <li>• Mark Down</li> <li>• Discount</li> <li>• Commission</li> <li>• Interest</li> </ul>	
#3: Rational Number Operations	<p>How are rational numbers used and applied in real life and mathematical situations?</p> <p>What is the relationship between properties of operations and types of numbers?</p>	<p>7.NS.1 (Add/Subtract Rational Numbers)</p> <p>7.NS.2 (Multiply/Divide Rational Numbers)</p> <p>7.NS.3 (Real World Applications)</p>	<ul style="list-style-type: none"> <li>• Positive</li> <li>• Negative</li> <li>• Opposite</li> </ul>	<p>Rational Operations Summative</p> <p>A Rational Story</p>