

7th Grade Mathematics-Pre-Algebra - Griffis

<u>First Six Weeks</u>	<u>Second Six Weeks</u>	<u>Third Six Weeks</u>	<u>Fourth Six Weeks</u>	<u>Fifth Six Weeks</u>	<u>Sixth Six Weeks</u>
<p>Discovery learning</p> <p>7.2A-multiplacation and division of fractions and decimals 7.2B-use models to solve problems 7.1B-convert between fractions, decimals and percents 7.3A-solve real life problem situations using percents 7.1C-squares and square roots; scientific notation to communicate mathematical ideas 7.2E, 7.2F, 7.2G-order of operation with fractions, integers, and variables; check and prove reasonableness 7.1A, 7.1C-use integers to solve algebraic equations 7.7A-locate and name points on a coordinate plane 7.7B-graph reflections across both axis</p> <p>Six Weeks Test</p>	<p>Discovery learning</p> <p>7.2A-multiplication and division of fractions in two-step equations 7.1A, 7.1C-integers in two-step and multi-step equations 7.2E-order of operation with algebraic equations 7.12A, 7.12B-describing data using the measures of central tendency 7.5A-using concrete models to solve algebraic equations 7.8C-using concepts to solve art and architecture problems 7.2D-using division to find unit rates and ratios in proportional relationships such as speed, recipes, student teacher ratios, batting averages, etc. 7.2A-powers of Ten</p> <p>Six Weeks Test</p>	<p>Discovery learning</p> <p>7.1C-using models to represent squares and square roots 7.3B, 7.2D-solving real life application problem situations using unit rates, ratios, proportion formulas such as $d=rt$ and $I=prt$, density, price change with percent of change, recipes, architectural scale and map/model scale 7.6D-solving problems involving similar figures in geometry 7.5B-writing expressions and algebraic expressions 7.13A, 7.13B, 7.13C, 7.13D-problem solving strategies, draw, share, record and justify</p> <p>Six Weeks Test Semester Exam</p>	<p>Discovery learning</p> <p>7.4A-perimeter and area of one dimensional figures 7.4B,7.4C-graph data to demonstrate relationships between areas and connect with terms 7.9A,7.9B,7.9C-perimeter and circumference estimation and solving equations, volume and surface area of three dimensional geometric figures 7.8A-nets of three dimensional figures 7.8B-sketch of three dimensional figures 7.6D,7.2D-similar figures, proportions, ratios 7.8C-geometry in architecture and art 7.6A, 7.6B, 7.6C-classify geometric shapes using properties and angles, measure with protractors</p> <p>Net Project</p> <p>Six Weeks Test</p>	<p>Discovery learning</p> <p>7.2A,7.5A, 7.2C-identity models of fraction algorithms 7.14A, 7.14B-using appropriate language to represent data or to create a model for a data set determine the effectiveness 7.10A, 7.10B-probability of independent and dependent events; theoretical and experimental 7.11A, 7.11B-choosing appropriate representation of data to make inferences based on the analysis of the data 7.15A, 7.15B-making inferences</p> <p>Tessellation Activity</p> <p>Six Weeks Test</p>	<p>Review ALL materials covered in seventh grade TEKS</p> <p>Six Weeks Test Final Exam</p>

The objectives are only a guide and may not be taught during the six weeks listed.