

Topic/Unit Planner

Teacher (s): Schuett
Subject: Algebra

Grade: 8th
Est. Timeframe: Mid April-Mid May

Topic/sub-topics	Essential Learning	Standards	Performance Assessment	Strategies
<p>Radical Expressions and Equations</p> <p>Pythagorean Theorem</p> <p>Major Resources:</p> <p>Algebra I</p> <p>Worksheets</p>	<p>Understandings (SWUT): (Students will understand that...)</p> <p>Prior knowledge of square roots needed to simplify radicals</p> <p>Prior knowledge of FOIL and distributive property to simplify radicals</p> <p>Skills (SWBAT): (Students will be able to...)</p> <p>Use perfect and non-perfect square roots used in simplifying radicals</p> <p>Multiply and simplify radicals</p> <p>Combine like radicals</p> <p>Simplify to combine like radicals</p> <p>Use distributive property and FOIL to simplify radicals</p> <p>Use Pythagorean theorem and identify Pythagorean triples</p> <p>Solve equations containing radicals</p> <p>Simplify radicals by dividing</p> <p>Use conjugates</p>	<p>6B #4</p> <p>9D # 1,2</p> <p>(Stage H)</p>	<p>Homework problems</p> <p>In class examples</p> <p>Quiz/ test</p>	<p>Recall square roots and perfect squares</p> <p>Practice examples together</p> <p>Students will complete assigned assignments</p>