

**Weekly Lesson Plans**  
**WIDA Content and Language Objectives**  
**Strong Middle School**

*Mr. Wilkie*  
**8th-Grade Math**

Feb 8th-12th, 2016	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Content Objective</b>	Mr. Wilkie will have a Guest Teacher Today: Volume and Surface Area Problems will be assigned to work on.	Students will demonstrate analysis of the pythagorean theorem by squaring the sides of triangles (Problem 3.1)	Students will demonstrate application of the pythagorean them by practicing problems in math notebook.	SW demonstrate analysis of the pythagorean thm. to find distance between points on a coordinate grid. (Problem 3.3)	SW demonstrate analysis of Pythagorean Thm by completing real world story problem sung the 4-Step Problem solving strategy.
<b>Language Objective</b>		Students will write and orally say definitions: acute, obtuse, hypotenuse, legs	Students will write and repeat summary sentence stem referring to Pythagorean Thm	Students will write and share answers to following focus question: How can you use the Pyth. Thm to find the distance between any 2 points on a coord. grid?	Collins Writing weigh specific FCAs.
<b>Weekly Vocabulary</b>		Acute Obtuse, Right, Hypotenuse, legs, Distance, square root, cube root, line segments	Acute Obtuse, Right, Hypotenuse, legs, Distance, square root, cube root, line segments	Acute Obtuse, Right, Hypotenuse, legs, Distance, square root, cube root, line segments	Acute Obtuse, Right, Hypotenuse, legs, Distance, square root, cube root, line segments
<b>CCS covered and Strand</b>		<a href="#">8.G.B.6</a> Explain a proof of Pythagorean Thm.	<a href="#">8.G.B.7</a> Apply the Pythagorean Thm in a Coord. System	<a href="#">8.G.B.7</a> Apply the Pythagorean Thm in a Coord. System	<a href="#">8.G.B.7</a> Apply the Pythagorean Thm in a Coord. System

**Monday:** Volume and Surface Area Practice **Tuesday:** Problem 3.1 (Pyth Thm) **Wed:** Problems (Pyth. Thm)  
**Thurs:** Problem 3.3 **Friday:** 4-Step Pyth. Thm.