Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
8th-Grade Math

Feb 22nd-26th, 2016	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	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.	SW demonstrate application of the pythagorean thm. by performing well on a summative assessment.
Language Objective	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.	Multiple vocabulary will be emphasized and applied in the assessment.
Weekly Vocabulary	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	Acute Obtuse, Right, Hypotenuse, legs, Distance, square root, cube root, line segments
CCS covered and Strand	8.G.B.6 Explain a proof of Pythagorean Thm.	8.G.B.7 Apply the Pythagorean Thm in a Coord. System	8.G.B.7 Apply the Pythagorean Thm in a Coord. System	8.G.B.7 Apply the Pythagorean Thm in a Coord. System	8.G.B.7 Apply the Pythagorean Thm in a Coord. System

Monday: Problem 3.1 (Pyth. Thm) **Tuesday**: Practice Problems **Wed**: Problem 3.3
Thurs: 4-Step - Pythagorean Thm. **Friday**: Assessment