Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
8th-Grade Math

March 1st-5th 2016	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	SW demonstrate analysis of Pythagorean Thm by completing real world story problem sung the 4-Step Problem solving strategy.	SW demonstrate analysis of the pythagorean thm. to find distance between points on a coordinate grid. (Problem 3.3)	SW demonstrate application of the pythagorean thm. by performing well on a summative assessment.	Students will demonstrate comprehension circles by finding the area and circumferences of various circles.	Students will demonstrate analysis of areas of circles by proving the equation A=∏r2 in an investigation.
Language Objective	Collins Writing weigh specific FCAs.	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?	Multiple vocabulary will be emphasized and applied in the assessment.	Students will write and verbally identify parts of a circle on a sketch that they create.	Students will write and apply two circle equations: A=∏r2 C=∏d
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	Circle, Pi, Circumference, Area, Diameter, Radius	Circle, Pi, Circumference, Area, Diameter, Radius. Circumference equation, Area equation
CCS covered and Strand	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	7.G.B.4 Know formulas for areas and circumference of circles and apply them.	7.G.B.4 Know formulas for area and circumference of circles and apply them

Monday: 4-Step (Pyth. Thm) **Tuesday**: Problem 3.3 (Pyth Thm) **Wed**: Assessment
Thurs: Area and Circumference **Friday**: Areas of circles