

Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
8th-Grade Math

Jan. 18th-22nd, 2016	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	Guest Teacher Today: Students will work on Moby Max Math Program-Differentiated Instruction	SW demonstrate application of side lengths of squares by drawing squares given one of the side lengths and finding the area (Problem 2.3).	SW demonstrate knowledge of square roots and cube roots by practicing problems in their notebook.	Students will demonstrate application of cube roots by working through Problem 2.4 (Cube Roots)	1/2 Day Today: Summary Quiz on Square and Cube Roots.
Language Objective		Students will do a Type 1 Writing on Focus Questions on Finding Lengths.	Students will write definition of square and cube roots in math notebook.	How is finding cube roots the same or different from square roots?-Focus Question.	Time Permitting: Students will participate in math vocabulary game orally.
Weekly Vocabulary		Coordinates, Quadrants, Origin, Absolute Value, x and y axis, Distance, square root, cube root, line segments	Coordinates, Quadrants, Origin, Absolute Value, x and y axis, Distance, square root, cube root, line segments	Coordinates, Quadrants, Origin, Absolute Value, x and y axis, Distance, square root, cube root, line segments	Coordinates, Quadrants, Origin, Absolute Value, x and y axis, Distance, square root, cube root, line segments
CCS covered and Strand	Differentiated Instruction-Various CCS.	8.NS.A.2 Use rational approximation of irrational numbers	8.EE.A.2 Use square and cube root to represent solutions.	8.EE.A.2 Use square and cube root to represent solutions.	8.EE.A.2 Use square and cube root to represent solutions.

Monday: Moby Max Math **Tuesday:** Problem 2.3 (Square Lengths) **Wed:** Cube and Square Roots
Thurs: Problem 2.4 (Cube Roots) **Friday:** Quiz-Square and Cube Roots