Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
7th-Grade Math

Feb 2nd-Feb 6th, 2015	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Content Objective	Students will demonstrate application determining similar triangles by working through problem 4.3 (pgs 86-87)	Students will demonstrate analysis of mathematical similarity by using a 4-Step Problem Solving Strategy (Polya).	Students will demonstrate application of Similarity by successfully completing a summative assessment.	Students will demonstrate analysis determining similar triangles by working through problem 4.4 (pgs 88-89)	Students will demonstrate analysis of similarity by using 4-Step Problem Solving.
Language Objective	Students will read pg. 84 and reflect verbally with a partner focus questions comparing various rectangles and triangles.	Students will do a Type 3 Writing using specific FCAs analyzing "what makes 2 polygons similar."	Students will apply all academic vocabulary on similarity by reading and solving problems with on assessment.	Students will read and discuss with partner and class focus question: How can you use similar triangles to estimate tall objects?	Students will orally participate in Math Vocabulary game by giving definitions, guessing definitions and listening.
Weekly Vocabulary	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent
CCS covered and Strand	7.GA.1 Computing lengths and areas of various scale drawings	7.RP.A.3 Use Proportional Relationships to solve multistep problems.	7.RP.A.3 Use Proportional Relationships to solve multistep problems.	7.GA.1 Computing lengths and areas of various scale drawings	7.RP.A.3 Use Proportional Relationships to solve multistep problems.

Monday: Problem 4.3, pgs 86-87 **Tuesday**:Problem Solving Type 3   **Wed:** Assessment on Similar Figures
Thurs: Problem 4.4 pgs 88-89 **Fri:** Problem Solving/math vocabulary