

Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
7th-Grade Math

Feb 9th-Feb 13th, 2015	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	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 Strategy.	Students will demonstrate analysis of comparing ratios by solving Mixing Juice Problem 1.2.	Students will demonstrate analysis of comparing ratios by solving Juice Problem as a 4-Step Problem.	Students will demonstrate application of Similarity by successfully completing a summative assessment.
Language Objective	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.	Students will orally complete the following sentence stem: Mix ___ is the most orangey because it has the highest ratio of _____	Students will write a Type 3 Summary using specific FCA's.	Students will apply all academic vocabulary on similarity by reading and solving problems with on assessment.
Weekly Vocabulary	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole
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.RP.A.3 Use Proportional Relationships to solve multistep problems.	7.RP.A.3 Use Proportional Relationships to solve multistep problems.

Monday: Problem 4.4 (pg 88-89) **Tuesday:**Problem Solving Type 3 **Wed:** Ratios-problem 1.2
Thurs: :Problem Solving Type 3 **Fri:** Summative Assessment-Similarity