

Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
7th-Grade Math

Jan 11th-15th, 2016	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	Students will demonstrate analysis of mathematical similarity by using a 4- Step Problem Solving Strategy (Polya).	SW demonstrate knowledge of ratios by representing them 3 ways and simplifying in graphic organizer.	SW demonstrate knowledge of mathematical similarity by performing well on common assessment.	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.
Language Objective	Students will do a Type 3 Writing using specific FCAs analyzing “what makes 2 polygons similar.”	SW complete sentence stems on ratios, part-to-part and part to whole.	Multiple vocabulary assessed in Common Assessment.	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.
Weekly Vocabulary	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, ratios, fractions, percents	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles, Adjacent	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, ratios, fractions, percents	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, ratios, fractions, percents
CCS covered and Strand	7.G.A.1 Compute Lengths and Areas of Various Scale Drawings	7.R.P.A.3 Use Proportional Relationships to solve multistep problems.	Various.	7.R.P.A.3 Use Proportional Relationships to solve multistep problems.	7.R.P.A.3 Use Proportional Relationships to solve multistep problems.

Monday: Finish 4-Step/Common Assessment **Tuesday:** Ratios in Notebook **Wed:** Common Assessment
Thursday: Problem 1.2 **Friday:** Juice Problem Continued.