Weekly Lesson Plans

WIDA Content and Language Objectives

Mr. Wilkie-7th-Grade Mathematics

April 8th-12th, 2018	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
Content Objective	SW demonstrate comprehension of **proportional relationships and cross multiplication by solving for missing values**.	SW demonstrate application of **proportional reasoning by converting rates to unit rates u**sing a graphic organizer and equivalent fractions.	SW demonstrate application of **proportional reasoning by converting rates to unit rates in a jump rope data collection lab.**	Students will demonstrate **analysis of unit rates by identifying them in a table, graph and equation in problem 2.2.**	Students will demonstrate **analysis of rates and ratios by working through a 4-step problem solving strategy**
Language Objective	SW complete the following sentence stem: **Proportional relationships can be solved by using cross multiplication.**	SW restate solution to of unit rate problems using the following stem: **_____ per _____** **Word "per" is an indicator of a unit rate**	**SW write and restate time conversions such as:** 60 sec per hour 24 hours per day 7 days per week 4 weeks per month	Students will write and orally complete the following stem: **• Unit Rates are identified in a table/graph/ equation by _____**	Students will write a **Type 3 Summary using specific FCA's.** **Step 1-Restate ?** **Step 4-Restate Solution in a CS**
Weekly Vocabulary	Similarity, Scale Drawings, Coordinates, Variables, Corresponding sides, Corresponding Angles.	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, rates, unit rates, table, graph equation.	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, rates, unit rates, table, graph equation.	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, rates, unit rates, table, graph equation.	Ratios, proportions, scaling, scale factor, part-to-part, part-to whole, rates, unit rates, table, graph equation.
CCS Covered and short description	7.RP.A.2 Recognize Proportional relationships between quantities.	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: Cross Mult/Review CA Similarity **Tues:** Rates to Unit Rates **Wed**: Jump Rope Lab **Thurs:** Problem 2.2
Friday: 4-Step Ratios and Rates