**Math Unit 1: Ratios and Unit Rates (8 weeks)**

**EQ: HOW do you use equivalent rates in the real world?**

**Week 8: 10/21 – 10/25**

10/21 - Common Percent to Fraction to Decimal Families

YWBAT identify the common fraction families we use to express decimals and percents in the real world

Success is: presenting and teaching about one family to your peers

* Warm up: go over converting percents to decimal to fraction etc.
  + Example problems: lesson 25 exit ticket
* What are commonly recognized percents and their fraction and decimal equivalents?
* In groups, design posters representing 1/100, 1/10, 1/8, 1/5, 1/4, and 1/3
  + model 1/2
* Present posters
  + Guided notes
* If time: make common percent family sorts
* Exit ticket
* Re-visit goals

10/22 – Lesson 26 - Percent of a Quantity

YWBAT find the percent of a quantity

Success is: given a part and or the percent, solve for the whole or part successfully

* Correct homework
* Warm up – fraction to decimal to percent fluency practice
* Practice: example 1
* Exercise 1 in pairs
* Guided notes: Finding the Percent of a Whole
* Exit ticket
* Re-visit goals

10/23 - Lesson 27 - Solving Percent Problems

YWBAT find the percent of a quantity

Success is: given a part and or the percent, solve for the whole or part successfully

* Correct homework
* Guided notes: Finding a Whole Using a Part and Percent
* In pairs: exercise
* Re-visit goals
* Exit ticket

10/24 - Lesson 28 - Solving Percent Problems

YWBAT find the percent of a quantity

Success is: given a part and or the percent, solve for the whole or part successfully

* Correct homework
* Warm up – fraction to decimal to percent fluency practice
* Practice: example 1
* In pairs: exercise 1
* Independent/guided practice: problem set
* Re-visit goals
* Exit ticket

10/25 - Lesson 29 - Solving Percent Problems

YWBAT find the percent of a quantity

Success is: given a part and or the percent, solve for the whole or part successfully

* Correct homework
* Warm up – fraction to decimal to percent fluency practice
* Exploratory challenges in table groups
  + Discuss
* Independent/guided practice: problem set
* Exit ticket
* Re-visit goals