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

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

**Week 6: 10/7 – 10/11**

10/7 - Finding a Rate By Dividing Two Quantities Lesson 18

YWBAT identify the multiple ways to solve a ratio or rate problem

Success is: selecting the best method to solve problems in small groups

* Mathematical modeling exercises
* Station rotation
  + Visit at least three stations and solve the problem in a different way than the groups before you
* Re-visit goals
* Exit ticket

10/8 - Unit Price and Related Measurement Conversions Lesson 19

YWBAT analyze tables, graphs, and equations in order to compare rates

Success is: compare rates to solve problems

* Correct homework
* Examples 1-2
* Matching game
* Guided Practice: comparing unit rates and unit prices
* Independent practice
* Re-visit goals
* Exit ticket

10/9 - Unit Price and Related Measurement Conversions Lesson 20

YWBAT analyze tables, graphs, and equations in order to compare rates

Success is: compare rates to solve problems

* Correct homework
* Example 1
* Exploratory Challenge
  + As a class
  + In pairs
  + Independent/small group
* Guided Practice: comparing unit rates and unit prices
* Re-visit goals
* Exit ticket

10/10 - Getting the Job Done – Speed, Work, and Measurement Units Lesson 21

YWBAT use rates between measurements to convert measurement in one unit to measurement in another unit

Success is: manipulate and transform units appropriately when multiplying or dividing quantities

* Correct homework
* Opening Exercise
* Examples 1-2 in pairs
* Exercises 1-2 independently/small group
* Exit ticket

10/1 - Getting the Job Done – Speed, Work, and Measurement Units Lesson 22

YWBAT use rates between measurements to convert measurement in one unit to measurement in another unit

Success is: manipulate and transform units appropriately when multiplying or dividing quantities

* Correct homework
* Exploratory challenge: finding our walking/running rate
* Examples 1-2 in pairs
* Lesson 23 problem set independently/small group
* Exit ticket