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

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

**Week 3: 9/16 – 9/20**

9/16 - Equivalent Ratios Lesson 4

YWBAT explore equivalent ratios using models

Success is: determine if two ratios are equivalent using the description given

* Warm up – GCF and LCM practice hand out
  + Discuss
* Example 1
* Exercise 1 in pairs
* Exercise 2 independently
* Guided practice
  + problem set 1-2
* Review lesson summary
* Re-visit goals
* Assign homework

9/17 - Solving Problems by Finding Equivalent Ratios Lesson 5

YWBAT explore equivalent ratios using models using part to part and part to total

Success is: determine if two ratios are equivalent using the description given

* Warm up Nana’s paint mix up <https://vimeo.com/87211369>
  + Discuss
* Practice: determining if ratios are equivalent with word problems using part to part and part to whole information. Examples 1-2
* Guided practice: exercises 1-4 alone or in groups
* If needed: Small group review: equivalent ratios, GCF, LCM using warm up
* Re-visit goals
* Assign homework

9/18 - Solving Problems by Finding Equivalent Ratios Lesson 6

YWBAT model and explain equivalent ratios

Success is: solving problems in which the ratios change by relying on your understanding of equivalent ratios

* Warm up (warm up slides ppt)
* As a class: exercise 1
* In groups: exercises2-7
  + Present solutions
* Discuss lesson summary
* Re-visit goals
* Assign homework

9/19 – Associated Ratios and the Value of a Ratio Lesson 7

YWBAT understand the relationship between ratios and fractions

Success is: describing the fraction associated with the ratio a:b

* Warm up (warm up slides ppt)
* As a class: examples 1-2
* Independently: exercises 1-2
  + Check solutions
* In table groups: next scenarios
* Discuss lesson summary
* Re-visit goals

9/20 – TBD based on student understanding and progress