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

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

**Week 1: 9/3 – 9/6**

9/3- Prime Factorization

YWBAT use your knowledge of factors in order to define the terms prime and composite

Success is: factoring numbers correctly

* Warm-up – finding the unknown factor
  + Introduce procedure of raising ones hand when finished and, if correct, becoming the checker and **helper** for the table.
* Vocabulary: factor, multiple, prime, composite
* Guided practice
* Re-visit goals

9/4 - Factors and Multiples

YWBAT know the definitions of LCM and GCF and be able to distinguish between the two

Success is: find the GCF and LCM

* Vocabulary: least common multiple
* Guided practice
* Independent practice
* Re-visit goals

9/5 - Factors and Multiples

YWBAT know the definitions of LCM and GCF and be able to distinguish between the two

Success is: find the GCF and LCM

* Vocabulary: greatest common factor
* Guided practice
* Independent practice
* Re-visit goals

9/6 - Factors and Multiples

YWBAT know the definitions of LCM and GCF and be able to distinguish between the two

Success is: find the GCF and LCM

* Upside down double division
* LCM and GCF, which one is which?
* Station practice: in groups of 4-5 students rotate stations (there will be two groups at each station at once)
  + Factors and GCF
  + Multiples and LCM
  + Using Prime Factors to Determine GCF
* Re-visit goals