**Math Unit 3: Rational Numbers (4-6 weeks)**

**Week 2: 1/6 - 1/10**

1/6 - Lesson 7: Ordering Integers and Other Rational Numbers

YWBAT understand that if a < b, then –a > -b because a number and it’s opposite are equal distances from zero

Success is: write, interpret, and explain statements of order for rational numbers in the real world

* Warm up – guess my integer or rational number game
  + discuss
* Exercise 1
* Example 1: explaining how to order numbers from least to greatest
* In table groups: exercises 2-4
  + discuss
* Example 2: explaining greater value
* In table group: exercises 5-6
* Closing activity (if time)
* Independent/guided practice: problem set
* Re-visit goals

1/7 - Lesson 8: Ordering Integers and Other Rational Numbers

YWBAT understand that if a < b, then –a > -b because a number and it’s opposite are equal distances from zero

Success is: write, interpret, and explain statements of order for rational numbers in the real world

* Correct homework
* Warm up – ordering rational numbers in different formats
  + discuss
  + exercise 1
* Example 1: ordering rational numbers from least to greatest
* In table groups: exercises 2-4
  + discuss
* Example 2: ordering rational numbers from greatest to least
* In table groups: exercises 5-6
  + discuss
* Independent/guided practice: problem set
* Re-visit goals

1/8 - Lesson 9: Comparing Integers and Other Rational Numbers

YWBAT apply prior knowledge of place value, decimals, and fractions to compare integers and other rational numbers

Success is: compare and interpret rational numbers’ order on a number line and making statements that relate the numbers’ location on the number line to their order

* Correct homework
* Example 1: interpreting number line models to compare numbers
* Independently: exercise 1
* Example 2: Activity Card game
* In pairs: exercises 2-8
  + discuss
* Re-visit goals

1/10 - Lesson 10: Writing and Interpreting Inequality Statements Involving Rational Numbers

YWBAT apply prior knowledge of inequality statements to write and explain inequality statements involving rational numbers

Success is: justifying inequality statements involving rational numbers

* Correct homework
* Warm up – opening exercise
  + discuss
* In groups: exercises 1-4
* Example 1: writing inequality statements involving rational numbers
* Example 2: interpreting data and writing inequality statements
* Independently: exercises 5-8
* Timed sprints (one minute per side)
  + First side (in order, no skipping!)
  + Read answers and discuss strategies
  + Second side
  + Read answers and discuss strategies
* Re-visit goals