**Math Unit 2: Arithmetic Operations (4-6 weeks)**

**EQ: HOW can mathematical ideas be represented?**

**Week 3: 11/18 – 11/22**

11/18- Lesson 9 - Sums and Differences of Decimals

YWBAT relate decimals to mixed numbers and round addends, minuends, and subtrahends to whole numbers in order to predict reasonable answers

Success is: solve problems using correct place value

* Warm up – why might converting fractions to decimals be easier when adding or subtracting mixed numbers?
  + How might estimation skills be useful when computing with decimals?
* Addition/subtraction part of decimal foldable
* Practice: examples 1-2; exercise 1
* In pairs: exercises 2-3
* Independent/guided practice: exercises 4-5
* Re-visit goals
* Exit ticket

11/19- Lesson 11 - Estimation and reasonability and the products of decimals

YWBAT use estimation and place value to determine the placement of the decimal point in products and to determine that the size of the product is relative to each factor

Success is: using correct estimation and reasonability skills by checking with a calculator

* Correct homework
* Computing with decimals foldable: multiplication
* Exploratory challenge
* Independent/guided practice: exercises 1-4
* Re-visit goals
* Exit ticket

11/20- Multiplying Decimals

YWBAT use estimation and an algorithm to find the products of decimals

Success is: using correct estimation and reasonability skills by checking with a calculator

* Correct homework
* Multiplication/addition/subtraction practice stations
* Re-visit goals

11/21 – Mid-module assessment

11/22 – Lesson 12 – Estimating Digits in a Quotient

YWBAT connect estimation with place value in order to determine the standard algorithm for division

Success is: correctly round dividends and divisors to estimate the quotient

* Assessment hiccups
* Practice: examples 1-2
* in pairs: exercises 1-5
* Independent/guided practice: problem set
* Exit ticket