**6th Grade Math Essential Standards 2019-20**

**Unit 1 - L3 Equivalent Ratios**

**6.RP.A.3a**

Use ratio and rate reasoning to solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams,

or equations.

**Unit 2 - L7 Divide with Fractions**

**6.NS.A.1**

Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem.

**Unit 2 - L12 Positive and Negative Numbers**

**6.NS.C.5**

Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.

**6.NS.C.6a/c**

Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates.

**Unit 3 - L19 Solve Equations**

**6.EE.B.6**

Understand a rational number as a point on the number line. Extend number line

diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates.

**6.EE.B.7**

Solve real-world and mathematical problems by writing and solving equations of the form *x* + *p* = *q* and *px* = *q* for cases in which *p*, *q* and *x* are all nonnegative5 rational

numbers.