

# 5<sup>th</sup> Grade Math

## Essential Skills and Concepts

### I can...

#### **Number and Operation:**

1. understand that our number system is based on 10.
2. read, write, and compare decimals to the thousandths.
3. round decimals to any place.
4. multiply whole digit numbers.
5. divide four digit dividends with two digit divisors.
6. add, subtract, multiply, and divide decimals to the hundredths.

#### **Operations and Algebraic Thinking:**

1. solve problems using order of operations.
2. write and explain numerical expressions.
3. use a coordinate plane to graph patterns.

#### **Geometry:**

1. make and use a coordinate plane to solve problems.
2. use two numbers (a coordinate pair) to plot a point on a coordinate graph's first quadrant.
3. group two dimensional figures by number of sides and size of angles.

#### **Fractions:**

1. add and subtract fractions with like and unlike denominators.
2. solve problems by dividing the whole into fractional pieces.
3. multiply fractions by fractions and fractions by whole numbers.
4. demonstrate/model how scale works.
5. solve problems by multiplying fractions and mixed numbers.
6. divide whole numbers by fractions.

#### **Measurement and Data:**

1. convert like measurements within the same system to solve problems.
2. compare and order fractions on a number line.
3. measure the volume of three dimensional figures.