# 5<sup>th</sup> Math

## \*Geometry & Measurement

>Use translations, reflections and rotations to establish congruency and understand symmetries.

## \*Data Analysis

- >Collect, organize, display, and interpret data, including data collected over a period of time and data represented by fractions and decimals.
- >Display and interpret data; determine mean, median, and range.

## \*Number & Operation

- >Solve real-world and mathematical problems using arithmetic.
- >Addition, subtraction, multiplication, and division of multi-digit numbers.
- >Read, write, represent and compare fractions and decimals; recognize and write equivalent fractions; convert between fractions and decimals.
- >Add and subtract fractions, mixed numbers, and decimals.
- >Recognize and represent patterns of change; use patterns, tables, graphs and rules to solve problems.
- >Use properties of arithmetic to generate equivalent numerical expressions and evaluate expressions involving whole numbers.

## \*Algebra – Used to solve real world and mathematical problems.

>Understand and interpret equations and inequalities involving variables and whole numbers.

## \*Geometry & Measurement

- >Describe, classify, and draw representations of three-dimensional figures.
- >Determine the area of triangles and quadrilaterals; determine the surface area and volume of rectangular prisms in various contexts.