

Course 1 Overview

Over the course of this year we will focus on five different areas:

Number Systems:

- completing our understanding of multiplication and division of fractions by fractions.
- compute fluently with multi-digit numbers and find common factors and multiples.
- apply and extend previous understanding of numbers in the system of rational numbers, which includes negative numbers.

Ratios and Proportional Relationships:

- understand ratio concepts and use ratio reasoning to solve problems.

Expressions and Equations:

- apply and extend previous understandings of arithmetic to algebra expressions.
- reason about and solve one-variable equations and inequalities.
- represent and analyze quantitative relationships between dependent and independent variables.

Statistics and Probability:

- develop understanding of statistical variability.
- summarize and describe distributions.

Geometry:

- solve real-world and mathematical problems involving area, surface area, and volume.