

Grade 6 Math Curriculum Overview

In 6th Grade Mathematics, the curriculum is rigorously aligned to the Common Core State Standards for Mathematics and is structured to emphasize focus, coherence, and rigor. The approach builds a solid foundation of conceptual understanding before introducing procedures, with opportunities for application throughout the year. Major areas of instruction include Number Systems and Operations (such as identifying and interpreting integers and fluently operating with multi-digit decimals) , Ratio and Rate Reasoning (covering ratios, unit rates, measurement conversions, and percentages) , and Expressions, Equations, and Relationships (which involves interpreting algebraic expressions, solving equations and inequalities, and representing relationships between variables). Additionally, students study Geometry (including graphing polygons on the coordinate plane) and Statistics & Probability (where they analyze data using measures of center, spread, and shape). The program is designed to develop students' skills to persevere when solving challenging, real-world problems.

Quarter 1

- [Number Systems and Operations](#)
- [Ratio and Rate Reasoning](#)

Quarter 3

- [Relationships in Geometry](#)

Quarter 2

- [Expressions, Equations, and Inequalities](#)

Quarter 4

- [Data Collection and Analysis](#)