Scope and Sequence

Content Area: **Mathematics**
Course(s): **Mathematics**
Time Period: **Full Year**
Length: **1 year**
Status: **Published**

Course Overview

The sixth grade mathematics curriculum will enhance student understanding of rational numbers, algebra, geometry, and statistics. The curriculum begins with ratios and number systems to introduce operations with rational numbers, which will lay the foundation for the rest of the units. The rest of the units will build upon each other, using skills and knowledge learned from the first two units. The third unit on expressions and equations will introduce basic algebra, focusing on translating words to expressions and equations and later on solving them. The fourth unit will introduce students to basic two-dimensional and three-dimensional shapes. This unit builds upon the previous units by incorporating rational numbers and solving for missing dimensions. The last unit on statistics will provide students with skills to find different measures of center and create and analyze data displays.

Scope and Sequence

Order of the Unit	Title of the Unit	Time Frame
Unit 1	Ratio and Proportional Relationships	6 weeks
Unit 2	Decimals	3 weeks
Unit 3	Fractions	4 weeks
Unit 4	Integers	3 weeks
Unit 5	Expressions, Equations, Functions, Inequalities	10 weeks
Unit 6	Geometry	5 weeks
Unit 7	Statistics	5 weeks

Date of Board Approval

This curriculum was approved by the Green Brook Board of Education on August 28, 2017.