Scope and Sequence

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

Course Overview

The Math 8 curriculum will enhance student understanding of linear relationships. Each algebraic unit will build upon this topic throughout the course, beginning with number systems and solving one-variable equations and ending with solving systems of equations and utilizing properties of functions. Skills from previous units will be utilized throughout the course. The Math 8 curriculum will also cover geometry topics including, the Pythagorean Theorem, angle relationships, transformations, and volume. All units are based upon the Grade 8 New Jersey Student Learning Standards for Mathematics.

Scope and Sequence

Order of the Unit	Title of the Unit	Time Frame
Unit 1	The Number System	4 weeks
Unit 2	Equations and Expressions	4 weeks
Unit 3	Geometry	6 weeks
Unit 4	Linear Relationships	5 weeks
Unit 5	Writing Equations for Linear Relationships (in slope-intercept form)	3 weeks
Unit 6	Systems of Equations	4 weeks
Unit 7	Functions	4 weeks
Unit 8	Exponents and Scientific Notation	4 weeks
Unit 9	Polynomials (A Look Ahead)	3 weeks

Date of Board Approval

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