Scope and Sequence: Math 7

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

Course Overview

The Math 7 curriculum will enhance student understanding of proportional relationships. Every unit covered within the year will build upon this topic and are presented in a sequential manner. Students will begin the year getting a better understanding of the number system. This is imperative that students have a strong foundation in all types of rational numbers. This will then tie directly into our next unit for the year which is "expressions and equations". Students will apply their knowledge of the number system to simplify expressions and solve equations involving rational numbers. Once students show an understanding of expressions and equations they will learn about "ratios, rates, and proportions". This is the prerequisite knowledge that students need in order to better understand proportional relationships. Proportional relationships is a major standard for 7th grade students and this serves as a building block for students entering 8th grade in which they learn about linear relationships. The remainder of the year will be dedicated to students learning about geometric topics and probability concepts. All units build upon each other with a culmination of truly understanding what a proportional relationship is and how they can be represented.

Scope and Sequence

Order of the Unit	Title of the Unit	Time Frame
Unit 1	The Number System	5 weeks
Unit 2	Expressions, Equations, and Inequalities	7 weeks
Unit 3	Ratios, Rates, & Proportions	3 weeks
Unit 4	Percentages	4 weeks
Unit 5	Proportional Relationships	4 weeks
Unit 6	Geometry	7 weeks
Unit 7	Statistics & Probability	4 weeks
Unit 8	Multi-Step Equations / Introduction to Slope (**A Look Ahead**)	4 weeks

Date of Board Approval

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