

Mr. Nelson; 6th Grade Math

Materials: Each student should bring the following items to class every day: a one inch three- ringed binder, Math workbook, planner, and pencil.

Text: McGraw Hill: Glencoe Math: Course 1; Volume 1 & 2

Online Resources: I-Ready, IXL, Kahn Academy, Achieve 3000, Teacher.Desmos.com

Focus: Reasoning abstractly, quantitatively, and appropriately to make real-world applications in problem solving.

Trimester 1 (August- November)	Trimester 2 (November- March)	Trimester 3 (March- June)
<ol style="list-style-type: none">1. Unit 1: Ratios and Proportional Relationships<ul style="list-style-type: none">• Understand ratio concepts and use ratio reasoning to solve problems.2. Unit 2: The Number System<ul style="list-style-type: none">• Apply and extend previous understandings of multiplication and division to divide fractions by fractions.• Compute fluency with multi-digit numbers and find common factors and multiples.• Apply and extend previous understandings of numbers to the system of rational numbers.	<ol style="list-style-type: none">3. Unit 3: Expressions and Equations<ul style="list-style-type: none">• Apply and extend previous understandings of arithmetic to algebraic expressions.• Reason about and solve one-variable equations and inequalities.• Represent and analyze quantitative relationships between dependent and independent variables.	<ol style="list-style-type: none">4. Unit 4: Geometry<ul style="list-style-type: none">• Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.5. Unit 5: Statistics and Probability.<ul style="list-style-type: none">• Develop understanding of statistical variability.• Summarize and describe distributions.