

Mr. Nelson; 7th 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 2; 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">• Analyze proportional relationships and use them to solve real-world and mathematical problems.2. Unit 2: The Number System<ul style="list-style-type: none">• Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.	<ol style="list-style-type: none">3. Unit 3: Expressions and Equations<ul style="list-style-type: none">• Use properties of operations to generate equivalent expressions.• Solve real-life mathematical problems using numerical and algebraic expressions and equations.4. Unit 4: Geometry<ul style="list-style-type: none">• Draw, construct, and describe geometrical figures and describe the relationships between them.	<ol style="list-style-type: none">5. Unit 4: Geometry<ul style="list-style-type: none">• Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.6. Unit 5: Statistics and Probability.<ul style="list-style-type: none">• Use random sampling to draw inferences about a population.• Draw informal comparative inferences about two populations.