Mathematics 7 Syllabus

Instructor Information

Name: Mrs. Amanda Nguyen
Email: anguyen@newlifeacademyga.com
Classroom Number: Modular 26
Office Hours: Tuesday - Friday from 7:30 - 8:00 am or by appointment

Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Course Topics

1. Rational Number Operations
   a. Understand addition, subtraction, multiplication and division of rational numbers and solve real-world problems involving the four operations
2. Equations, Inequalities, & Expressions
   a. Solve one-step and multi-step equations/inequalities using rational numbers
3. Ratios and Proportions
   a. Represent proportional relationships in tables, graphs and equations
   b. Connect unit rate to slope
4. Proportional Relationships
   a. Apply ratio and percent reasoning to real-world applications
5. Probability
   a. Develop a probability model and use it to find probabilities of events
   b. Solve compound events using tables, lists and tree diagrams
6. Inferences
   a. Explore representative samples
   b. Compare measures of center and measures of variability in two data sets
7. Geometry
   a. Explore the conditions for building triangles
   b. Apply area, surface area, and volume to solve real-world problems
8. Looking Forward to Algebra
   a. Properties of integer exponents
   b. Introduction to perfect squares, perfect cubes, irrational numbers
   c. Extend solving equations to multi-step equations

Grading policy

45% - AKS Mastery (tests, projects, etc.)
35% - AKS Progress (quizzes, daily work, i-Ready, etc.)
10% - Milestones Benchmark (Written and Graded by Gwinnett County)
5% - Homework
5% - CFA (Written and Graded by Gwinnett County)

Portal grades

If you see...

ABS= Student was absent during this assignment and it needs to be made up.
NTI = Student was present during this assignment and did not turn it in when it was due.
EXC= Student did not complete the assignment. It is excused. The student does not need to make it up.

Parent Portal will be updated weekly for parent/guardian convenience.

Students are encouraged to check their grades regularly and ask any questions that they might have about their grades. DO NOT wait until the end of the semester to do this.

Absences/ Tardy Policy:

If a student misses a test or quiz, they must make it up the first day that they return to school. According to the handbook, students with unexcused absences will be given a zero on any classwork they have missed. Homework can still be turned in for credit. In the event that a student has an excused absence and has brought a written excuse, they can meet with me during office hours to catch up on classwork. Students have 5 minutes to change in between each class. Once the class has begun, students will be considered tardy. It is the student's responsibility to make it to class on time – and they can't learn if they're not in class.

Retake Policy:

All students that score below a 90% on a test or a quiz will be eligible for a retake. Students may only choose two retakes per semester. The highest a student can receive on any retake is 90%.

Resources

Content will be presented through a variety of resources, including Google Classroom, NLAE Website, Glencoe Math Textbooks, Google Slides, and IXL Website. Therefore, organization is extremely important for this class.

After you've finished reading the syllabus, please complete the Parent Signature Google Form on the NLAE Website.