# Mathematics 6 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. Number System
   a. Find the common multiples and factors to solve real-world problems
   b. Fluently divide multi-digit decimals and fractions to solve word problems
2. Ratio and proportional relationships
   a. Understand and use ratios and proportional reasoning to solve problems
   b. Understand the percent of a number
3. Rational Numbers
   a. Understand integers
   b. Graph rational numbers on the number line
   c. Write inequalities using rational numbers
4. Equations and Expressions
   a. Solve one-step equations
   b. Evaluate and simplify expressions
5. Area and Volume
   a. Find the area of a triangle/parallelogram
   b. Find the surface area and volume of right prisms
6. Statistics
   a. Recognize a statistical question
   b. Describe and analyze a set of data using measures of center, measures of variation, and appropriate graphs

## 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.