

Escambia County Middle School

8th Grade Math Syllabus

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Course Description

This course prepares students for the Algebra 1 course in high school (grade 9). The focus of this course is to build the foundation necessary for success in the study of algebra. The instruction will concentrate on the following common core domains: the number system (8.NS), expressions and equations (8.EE), functions (8.F), geometry principles as applied in Algebra (8.G), and an introduction to bivariate statistics (8.SP).

8th Grade Math students will take the Alabama ACT Aspire Exam.

Textbook

The math curriculum this year uses Eureka Math. The students will receive a series of workbooks which they will need to keep track of throughout the year. A lost workbook will not be replaced; parents or students can go to (FORMS) on my teacher page and print a new workbook.

Pacing Guide

Module 1: Integer Exponents and the Scientific Notation (20 days)

Module 2: The Concept of Congruence (25 days)

Module 3: Similarity (25 days)

Module 4: Linear Equations (40 days)

Module 5: Examples of Functions from Geometry (15 days)

Module 6: Linear Functions (20 days)

Module 7: Introduction to Irrational Numbers Using Geometry (35 days)

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Homework Assignments

Homework will be assigned every day. Homework should be written on loose leaf paper (College Ruled) and clearly labeled.

Math Notebook

Students will be required to organize and maintain a 3-ring binder (math notebook). Notebooks will be periodically collected and graded. The notebooks will remain in the classroom at all times. Students are allow to remove items from their notebook to take home for further study, but they must return the items to the notebook.

Daily Classroom Procedures

Raising Your Hand

Raising your hand indicates that you would like my attention. Please hold all questions until ALL instructions have been given out. Once you are working independently or within groups, please feel free to raise your hand at any time as long as the question is directly related to the task at hand. Otherwise, please hold your thoughts and speak to me after class, at the end of the day, or the very next morning.

Sharpening Your Pencil

You should enter the class with a sharpened pencil. If you need to sharpen your pencil, please wait until I have completed teaching my lesson and/or talking to the class as a whole.

Please keep a copy of this syllabus in your Math Notebook.

Parents and students can obtain a copy of this syllabus by clicking the (FORMS) link on my teacher page.