

**Mr. A. Smith 8th Grade Math Syllabus 2024-2025**

Welcome to Hephzibah Middle School. My name is Akenga (Ken) Smith and I will be your instructor for 8th grade Math. I am a native of Augusta, GA where I have worked in Richmond County Schools more than 20 years. It is my goal to ensure that all students become life-long learners and productive citizens in society.

Eighth grade (8th grade) mathematics course content regularly incorporate the 8 Mathematical Practices, the Framework for Statistical Reasoning, and the Mathematical Modeling Framework through four big ideas of content: (1) numerical reasoning, (2) functional & graphical reasoning, (3) patterning and algebraic reasoning, and (4) geometric and spatial reasoning. Much of the Grade 8 mathematics curriculum focuses on functions and linear relationships as building blocks to algebra and geometry. In this course, students will create, interpret, solve, and graph linear equations and inequalities in one variable, analyze the connections between proportional and non-proportional lines and equations, extend their knowledge of numerical reasoning and real numbers to include irrational numbers, develop an understanding of the properties of exponents, perform operations with numbers expressed in scientific notation, apply their geometric and spatial reasoning to interpret and solve problems involving the Pythagorean Theorem.

 Students will be expected to bring materials daily: Chromebook, pencil, paper, earbuds. Students will also need a 3-ring binder with dividers. Students should complete assignments daily. Students should show respect for themselves, others and Hephzibah Middle School. Students should exercise self-control. Be a R.E.B.E.L.

**Reflective**

**Engaging**

**Balanced**

**Empowered**

**Leader**

Grades will be calculated according to Major (40%) and Minor grades (60%). Major grades include tests, quizzes and projects. Minor grades include daily assessments, labs, and online tasks. Online assignments will be posted in Canvas. Progress reports will be distributed every 6 weeks. The report card will be submitted every 18 weeks. Grades can be viewed anytime in Infinite Campus.

**Online Resources**

Myhrw.com

I-ready Math

Nearpod

Desmos.com

Progress Learning

Gizmos

STMath

Parents should sign up with the Remind App on your mobile phones. Announcements will be posted to keep you updated with events and assignments. The teacher page can be located on the Hephzibah Middle School website http://heph-mid.rcboe.org/.

Student Signature

Parent/Guardian Signature