



Hephzibah Middle School

7th Grade Mathematics

Ms. E. Owens

Course Syllabus 2024-2025

Course Details:

The 7th Grade Mathematics course aims to solidify and expand upon the mathematical foundations acquired in earlier grades. The curriculum focuses on the four domains outlined in the Georgia Standards of Excellence (GSE): Numbers and Operations, Algebraic Thinking, Geometry, and Statistics and Probability. Students will engage in various activities and problem-solving exercises to improve their critical thinking skills and mathematical fluency.

Curriculum Map:

Unit 1: Making Relevant Connections within the Number System

Unit 2: Reasoning with Expressions, Equations, and Inequalities

Unit 3: Exploring Ratios and Proportional Relationships

Unit 4: Making Relevant Connections with Geometry

Unit 5: Investigating Probability

7th Grade Mathematics Students Will Learn:

- a. Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, effective collaboration, and expression. Seek help and apply feedback. Set and monitor goals.
- b. Solve relevant, mathematical problems, including multi-step problems, involving the four operations with rational numbers and quantities in any form (integers, percentages, fractions, and decimal numbers).

- c. Use properties of operations, generate equivalent expressions, and interpret the expressions to explain relevant situations.
- d. Represent authentic situations using equations and inequalities with variables; solve equations and inequalities symbolically, using the properties of equality.
- e. Recognize proportional relationships in relevant, mathematical problems; represent, solve, and explain these relationships with tables, graphs, and equations.
- f. Solve practical problems involving angle measurement, circles, area of circles, surface area of prisms and cylinders, and volume of cylinders and prisms composed of cubes and right prisms.
- g. Using mathematical reasoning, investigate chance processes and develop, evaluate, and use probability models to find probabilities of simple events presented in authentic situations.

Expectations:

- 1. **Respect:**
 - a. Treat teachers, classmates, guests, classroom materials, desk, and other property with respect.
 - b. Participate in class. Tell us what you think. Show what you know. Explain!
 - c. Behave in a way that reflects the good and appropriate behavior you were taught.
 - d. Raise your hand and wait to be acknowledged before you share.
- 2. **Responsibility:**
 - a. Arrive on time and ready to learn.
 - b. Come to class daily with all supplies.
 - c. Learn and retain materials taught to you.
 - d. If you need help, ask!

Classroom Procedures & Expectations:

- 1. Walk into the classroom quietly, place book bags on hook, take your seat, and start your work.
- 2. Have all the materials out before you are seated. Pencils need to be sharpened **BEFORE** you come to class.
- 3. During assessments, you are to raise your hand if you have a question, and I will come to you. Always bring a book to read after you finish your test as not everyone will finish the test at the same time.
- 4. During class work, raise your hand and I will come to you. If I am with another student, wait patiently and I will get to your question.
- 5. If you are absent, it is your responsibility to check with me to see which assignments you missed. **It is your responsibility to complete the assignments within 5 days.**
- 6. **Do not stand up, pack your book bag, clear off your desk or leave the classroom until instructed to do so.**
- 7. During any announcements, be quiet and **listen** until they are finished.

8. When you are transitioning to the next class or Connections, **all** students are expected to **remain silent in the hallways.**
9. During a fire or tornado drill, remain calm and walk quietly to our designated areas.
10. If you are tardy, you must have a pass from either the office or teacher that kept you late.

Consequences: Hephzibah Middle School Behavior Plan Will Be Followed

1. Verbal Warning
2. Student-Teacher Conference
3. Call Parent/ Guardian
4. Parent Conference
5. Referral to Administration

*****Exceptions will be strictly enforced, and students will be reminded of these expectations throughout the school year. *****

Course Materials:

Optional/Recommended

One 3-Ring Binder (1 inch)	Hand Sanitizer
Composition Notebook (2)	Facemask
Dividers with Labels	Tissue
Pencil Sharpener	
Highlighters	
Notebook Paper	
Pencils	
Earbuds/Headphones	
Colored Pencils	
Glue	

Academic Grade Reporting:

Middle school student performance will be recorded and reported in all courses by numerical grades, based on a 100-point scale.

Calculations of Final Grades

Final grades will be determined by the cumulative semester average using the following criteria:

Minor Grades = 60%

Examples include quizzes, labs, and other graded assignments to assess certain standards in a unit of study.

Major Grades = 40%

Examples include unit tests, essays, research papers, project-based assignments, and other culminating assessments to measure mastery of standards that comprise a unit of study.

Content Mastery Assessments:

These assessments will be given quarterly in all core content areas.

Academic Grading Scale:

A	Represents an average of 90-100
B	Represents an average of 80-89
C	Represents an average of 75-79
D	Represents an average of 70-74
F	Represents an average of below 70

Late Work:

Students are expected to complete and turn in assignments by the assigned due date. If you are absent on the day the assignment is due, please turn in your assignment the day you return.

Make-up Work:

Students are expected to make-up assignments and assessments missed due to absence from school. It is the student's responsibility to ask teachers for the make-up work upon returning to class. Make-Up work must be completed within 5 days of returning to school.

Homework:

Homework is a valuable part of the instructional process. It allows students to practice what has been taught; it also lets parents see what students are learning and where they are in their level of understanding. Homework will be assigned and needs to be returned the next day.

Tutoring:

Available upon request of student or parent.

Conferences:

Please contact me directly to schedule a conference.

Contact Information:

Phone: (706)592-4534 (School)

Email: OwensEr@boe.richmond.k12.ga.us

Remind: Text @hmsrebels7 to 81010

****By signing below, we acknowledge that we (my child and I) have read and understood the Course Syllabus for 7th Grade Mathematics for the 2024-2025 school year. Please sign and complete this sheet and keep the syllabus in your folder or binder. ****

Student Name: _____

Parent and/or Guardian Name: _____

Parent and/or Guardian Signature: _____

Parent and/or Guardian Phone Number: _____

Parent and/or Guardian Email: _____

Date: _____