

Subject:

8th Grade Math

Teacher:
Mrs. Lowery

What will we study?

Eighth 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.

Textbook

HMH: Into Math 8

When will we Study it?

Unit 1: Investigating Linear Expressions, Equations, and Inequalities in one Variable
Unit 2: Modeling Linear Relationships & Functions
Unit 3: Investigating Data & Statistical Reasoning
Unit 4: Real-Life Phenomena Explored Through Systems of Linear Equations
Unit 5: Exploring Irrationals, Integer Exponents and Scientific Notation
Unit 6: Exploring Geometric Relationships

Bring everyday

- ✓ All necessary materials needed for each class session

Student Work: Students will be expected to complete asynchronous assignments outside of class time on a regular basis. All students are expected to read class material, think critically, and write effectively. Students are expected to use complete sentences, proper grammar, and correct spelling in every written performance.

Materials: Students will be required to have all required materials when logged into class for each session.

Group Activities: Students will be working in groups on a regular basis in Canvas. Groups will be given cooperative

Grading

40% Summative Assessment– Unit Tests, Projects, Essays, Mid Term, Final Exam, and Unit Assessments

60% Formative Assessment- Quizzes, Assignments/Classwork, Discussions, iReady, Entrance/Exit tickets, Warm-ups, Flocabulary, IXL, etc.

Additional Points: Homework

Methodology

A combination of Synchronous Instruction, Asynchronous Learning, Discussion Boards, Presentations, Videos, Cooperative Learning, and Problem Based Learning will be used in this course.

Grades will be determined by the satisfactory and timely completion of assignments. The grade of each assignment is based on the prerequisite given for each assignment. Please email the teacher if you have any questions.

Cell phones

The use of cell phones, electronic communication devices and/or accessories is always prohibited for all students during the instructional day, which is defined as the time the student arrives on campus until the end of the school day and/or the time the student leaves campus.

- **First Offense:** The first offense will result in the electronic device being confiscated, to be picked up by the student or parent at the end of the same school day.
- **Second Offense:** The second offense will result in the electronic device being confiscated, to be picked up by the parent on the Friday following confiscation, at the specific time.
- **Third Offense:** The third offense will result in the electronic device being confiscated, to be picked up by the parent on the Friday following confiscation, at the specific time.
- **Fourth Offense:** The fourth offense and thereafter will result in the electronic device being confiscated for ten (10) school days, and

learning activities to complete. Each student will be expected to be an active member of their group and participation points will be assessed accordingly. Students will always be graded as an individual; however, groups may earn points together that will lead to a reward.

Absences: If a student is absent, it is the student's responsibility to get all late work from the teacher, and return by the deadline agreed upon by teacher, parent, and student.

the parent must schedule a conference with an administrator to retrieve the electronic device.

→ **Further incidents may result in the student losing the privilege of bringing electronic devices on campus, in-school suspension, out of school suspension, and any other forms of discipline deemed appropriate under the circumstances.**

Grading Information

A~ 100-90 B~ 80-89

C~ 75-79 D~ 70-74

F-69 or below

-Parents are encouraged to monitor their child's grades using the district Infinite Campus Parent Portal.

-Please contact the front office at 706-592-3730 for information to gain access to Infinite Campus.

Academic Dishonesty

The Student Code of Conduct, Rule 1(A)(t), states that no student shall cheat, alter records, plagiarize, receive unauthorized assistance, or assist another in any type of academic dishonesty. When the assignment calls for students to produce original work, students will not use Artificial Intelligence (AI) to generate the assignment for them. Students found to have engaged in academic dishonesty will be subject to disciplinary actions as outlined in the Student Code of Conduct. Additionally, the task may be entered as incomplete, and the student is required to redo the assignment or retake the assessment.

Absent?

1st – Inform Teacher

2nd – Need note from Parent

3rd – Check with teacher for update on assignments

4th – Turn in missing work by Friday

Need Help?

- ✓ Ask for teacher help
- ✓ Ask for recovery work if needed
- ✓ Schedule after school tutoring

Teacher Information

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

Remind: Attached

Phone: 706) 592-3730

School Information

Mims Road
Hephzibah Georgia 30815
(706) 592-4534

Class Rules

1. Be Respectful of Others. This means to respect the teacher, respect your classmates, respect the school's property, respect all the staff, and respect yourself.
2. Be Prepared. Bring Materials, Stay Focused, and Participate!
3. Do Not use Inappropriate Language. Use words that are positive and friendly.

Class Procedures

1. Enter quiet and orderly.
2. Have all necessary materials ready for class.
3. Be prepared to participate, try, and NEVER GIVE UP.
4. Pay attention to the directions and follow all directions that are given. Ask for help if needed.
5. Complete the assigned task for the day.
6. Do not leave your seat without permission.

CONTRACT AND ACKNOWLEDGEMENT OF SYLLABUS

Please complete sign the form acknowledging that you have read the class syllabus with your child.

Student Contract: I understand that all work should be completed on time. I understand that my teacher may deduct five points per day and communicate this in my Infinite Campus gradebook. I also understand that work turned in after the learning has occurred may not be graded (no more than 5 school days from the due date). I understand that using Artificial Intelligence to complete assignments where I am asked to produce original work will be considered Academic Dishonesty.

Parent Contract: I understand that my child is expected to complete assignments on time. I will remain in communication with my child's teacher and monitor missing and late work as noted in Infinite Campus Parent Portal. If my child continues to submit work late, I understand that a parent-teacher conference will be needed to co-develop a plan of action. I understand that my child should not use Artificial Intelligence to complete assignments where students are asked to produce original

My signature below indicates that I have thoroughly read the course syllabus provided during the first week of school. This syllabus has important information about course expectations and the grading policy.

I have read and understand the rules for _____
(Student's Name)

Parent/Guardian Signature: _____ Date: _____

Parent/Guardian's Email Address: _____

Student Signature: _____ Date: _____

