

**COURSE: Accelerated Math 8**

**TEACHER: Briana Pattillo**

briana.pattillo@elmoreco.com



**COURSE OVERVIEW**

The overall goals of Accelerated Math 8 are to formulate and reason with Number Systems & Operations; Algebra & Functions; Data Analysis, Statistics & Probability; and Geometry & Measurement. There will be a focus on quadratic relationships in the algebra units. This course is specially designed for students that have completed Accelerated Math 7. Upon successful completion of this course, they will be given the opportunity to proceed into Advanced Geometry with Data Analysis in grade 9 and then directly into Algebra II with Statistics in grade 10.

**COURSE OUTLINE**

**1<sup>st</sup> Semester Units**

- Pythagorean Theorem
- Functions
- Absolute Value Functions
- Systems of Equations
- Inequalities
- Exponential Functions

**2<sup>nd</sup> Semester Units**

- Sequences
- Statistics
- Probability
- Polynomial Operations
- Introduction & Factored Form of Quadratic Functions
- Graphing and Solving Quadratic Functions
- Mathematical Modeling

**REQUIRED STUDENT RESOURCES**

- Paper & Pencils
- Hand held pencil sharpener
- Scientific Calculator
- Charged Chromebook

*Please note that the 8<sup>th</sup> grade supply list includes items we will use in this class.*

**WISH LIST**

- Paper towels & Tissues
- Clorox Wipes
- Expo Markers
- Hand-sanitizer

**EVALUATION PROCEDURES AND GRADING CRITERIA**

In this class you will complete hands-on activities, assignments, quizzes, and projects. Each student will have between 8-12 daily grades and 3-5 test grades each nine weeks, including county assessments/checkpoints. All students are expected to contribute to group assignments and to work collaboratively with the other student(s) in the group. A rubric will be used for all group work and projects. Please do not start working on projects the day before they are due. They will not be acceptable. Each assignment should be completed as if it will be graded. Students should always show work, you may not receive full credit on an assignment if you do not show your work. **Extra credit assignments will not be given.**

**GRADING SCALE**

- A = 90 – 100
- B = 80 – 89
- C = 70 – 79
- D = 60 – 69
- F = 0 – 59

**WEIGHT OF GRADES**

- Daily Grades                      50%
- Projects/Tests                    50%

**\*Please note that projects will count as test grade.**

**LATE WORK & NO NAME POLICY**

If work is turned in late, 10 points will be taken each day that it is late. Also, if you turn in your assignment without your first and last name written on the paper, you will have 10 points removed from your grade. **Commitments to sports, band, dance, cheerleading, drama, or any other extra-curricular activities are not a reason to turn in late work!**



## NOTEBOOK

- **Notes:** Notes should be taken every day; This is vital to doing well in math class; Daily practice and classwork should be kept in this section as well.
- **Homework:** Homework is to be done on loose leaf paper, it will be corrected and kept in your notebook for review and reflection. It is imperative that homework is completed each night in order to be successful in this course. Homework is intended to give your student reinforcement of topics in class, or a resource for studying. Random homework checks will be made for a running homework grade.
- Students are required to bring their notebooks to class and to take notes every day. My philosophy on notes is that if I write it on the board or present it in the classroom, the student should write it in their notebooks.
- Do not place papers in your books! Use your notebook.
- Ask questions! Ask for help as needed, you do not want to wait until the day before a test to ask for help.

## ATTENDANCE STATEMENT

- Excellent attendance is mandatory, it is essential to performing well. The school policy will be strictly followed regarding absences and makeup work!
- **Your absence is your responsibility.** Students are responsible for acquiring missed assignments; Students should check Google Classroom when absent, as well as the Absent Work folder by the door when you return to school.
- In order to get credit for your work/attendance, you must turn in an excuse for your absence and complete your assigned work within 3 days. Make-up work will be posted in Google Classroom daily. You will have an assignment in Edgenuity for attendance and you will be expected to keep up with the in class notes/assignments, within 3 school days of the absence.
- Students who are not in the classroom when the bell rings are considered tardy. Tardies will be recorded and handled according to the Elmore County Student Code of Conduct. Four tardies to class will result in detention. Tardies start over each nine weeks. Please remember that your attendance will affect your exemption status each semester.
- IT IS THE STUDENT'S RESPONSIBILITY TO SIGN UP FOR MAKE-UP TESTS

## COMMUNICATION

I believe that communication with parents is crucial to a child's achievement. For the quickest response, the best way to contact me is via e-mail at [briana.pattillo@elmoreco.com](mailto:briana.pattillo@elmoreco.com). Having **REMIND** will help Parents and Students stay up to date with the class events and due dates. You can also contact me using the reply feature through text with **REMIND**. You can join by going to the following link: [rmd.at/2122math8](https://rmd.at/2122math8) or



## CLASSROOM GUIDELINES, POLICIES AND PROCEDURES

Students are expected to follow the classroom rules. Minor classroom infractions will be documented on a Classroom Behavior Management Form. Parents will be informed of these infractions. Repeated infractions will result in the student being sent to the administrator. Learning will take place each day as we respect each other by displaying courteous behavior. Each of you will be prepared with classroom materials and assignments, displaying good judgment and always *doing* your best. **Students will follow all rules as outlined within the Elmore County Code of Conduct section of the student handbook.**

### CLASS EXPECTATIONS

Be Responsible  
Be Respectful  
Be Safe

### CONSEQUENCES

Step 1: Warning  
Step 2: Parental Contact  
Step 3: Conference with administrator or parents  
Step 4: Office Referral



## Rules & Guidelines:

1. Show respect for everyone, at all times.
2. Listen and follow directions.
3. Raise your hand and wait for permission to speak or leave your seat. Students are expected to be seated & quiet at the beginning of class & during class time.
4. Be on time and be prepared. (Bring charged Chromebook, notebook & paper, pencil, and calculator to class daily. Cell phones will not be used as calculators.)
5. Keep hands, feet, and objects to yourself.

## Instructional Time & Assignments:

- Daily, make sure you have your charged Chromebook, paper, pencil, notebook, calculator, and completed assignments.
- Enter quietly!!
- All work must be completed with a pencil, use a mechanical pencil or bring your own handheld sharpener
- You are asked to bring at least one pencil to class daily. If you need to borrow a pencil, take care of this before class begins; You may borrow one from me but please return it when the class is over.
- Quietly be seated in your assigned seat. When the bell rings, you should be seated and silently working on your bell ringer. All conversations should be stopped!
- Students should remain quietly seated during instructional time and assignments; Please respect your classmates and their right to an education.
- Please feel free to ask appropriate questions during instructional times; You should not ask to use the trash can or use the rest room during this time. You will miss important instructions and interrupt your classmates.
- Assignments will be given almost daily, they should be turned in before the end of class, and you should ask permission to complete the assignment at home.
- Google Classroom will be frequently used to assign work; Cooperation with the Chromebooks is imperative; Alternate assignments will be given if a student loses access to the Chromebooks if they break the school technology policies and procedures.

## When the Bell Rings to End the Period:

- Return all borrowed materials to the teacher and turn in all assignments.
- Pick up all books, papers, folder, trash, etc.; Respect your classmates and clean up after yourself!!
- I dismiss you, not the bell; Leave only when you are dismissed.
- Please take note of the location of all trash cans in the room.
- We will follow all cleaning & sanitizing guidelines before dismissal.

## Bathroom:

- Only one student will be allowed to leave the classroom at a time, even between classes.
- Do not interrupt instructional time or assignments to ask to use the restroom! Please wait for appropriate times to ask to use the restroom, not when the teacher is giving notes/directions or when a classmate is asking a question, for example.

## Dress code:

- The school dress code will be strictly enforced.

## Cell Phones:

- Cell phones will be used for instructional purposes only, they should not be out or in use unless requested by the teacher.
- No cell phones, unless the student has asked the teacher, and been given permission, after all assignments have been completed & turned in.
- No charging in class!
- No using your cell phone as a calculator.

**\* These procedures may be altered at the teacher's discretion. \***



---

**\*\*PLEASE RETURN THE SIGNED PAGE OF THIS PACKET TO YOUR CHILD'S TEACHER. STUDENTS, YOU WILL NEED TO KEEP THE SYLLABUS PAGES IN YOUR NOTEBOOK!!! RETURN TO TEACHER BY: FRIDAY, AUGUST 13, 2021.**

**Student:**

I have read & understand the guidelines, responsibilities, & procedures of Mrs. Pattillo's Accelerated Math 8 class. I agree to follow the guidelines & procedures set forth in this packet.

---

Printed Name of Student

Signature of Student

**Parent/Guardian:** I have read & understand the guidelines, responsibilities, & procedures of Mrs. Pattillo's Accelerated Math 8 class. If I have any questions, concerns, or problems, I will contact Mrs. Pattillo.

---

Printed Name of Parent/Guardian

Signature of Parent/Guardian

---

EMAIL ADDRESS

DAYTIME/CELL PHONE

