

Algebra 1

Course Syllabus

Teacher: Sherri James

Contact: sjames@gcboe.us

Classroom: Room 13

Course Description:

Algebra 1 introduces students to variables, algebraic expressions, equations, inequalities, functions, and all their multiple representations. In this class, students will develop the ability to explore and solve real-world problems, demonstrate the appropriate use of graphing calculators, and communicate mathematical ideas clearly. This course lays the foundation for mathematical literacy that will help students be successful in every subsequent course in mathematics.

This class will cover all topics stated in the Tennessee Mathematics Standards Correlated to Algebra 1; it culminates in the Algebra 1 End of Course Exam at the end of the school year. Success in this course must be encouraged and emphasized since passing the Algebra 1 course is part of the Tennessee State graduation requirement.

Objectives/Goals:

By the end of this course, students will be able to...

- Solve linear equations and inequalities.
- Graph and Write linear functions.
- Solve systems of linear equations.
- Evaluate exponential functions and sequences.
- Evaluate and factor polynomial equations.
- Graph quadratic functions.
- Solve quadratic equations.
- Display and analyze data.
- Succeed on the End of Course exam.

Required Materials:

- Binder
- Pencil
- Chrome Book

Attendance: It is important that you attend class *every day*. Class attendance affects your grade through participation and classwork. If you are absent, it is your responsibility to get any missed notes and make up all missed homework, classwork, quizzes, and/or tests. If you are absent, you will have the number of days you were absent to make up and hand in all assignments. For example, if you are absent for 3 days, you will have 3 days to make up the work and turn it in on the 4th day. Missed quizzes must be made up within two days and tests must be made up within a week of returning from an absence. You are responsible for scheduling a time outside of class to make up all assessments. If you fail to do this and do not turn in any missed homework, classwork, quizzes, or tests, you will receive a zero.

Homework:

Homework will be mostly online. It will be assigned every Thursday, and it is expected to be completed by the following Thursday. For homework, we will be using Big Ideas Math and Delta Math programs (both online).

Quizzes:

There will usually be a short weekly quiz. These quizzes will cover the skills and material learned during the week. If you are absent the day of a quiz, you will have two days to make it up when you return.

Tests:

A test will be given every other Thursday. Every test will include both multiple choice and extended response questions. If you are absent the day of an exam, you will have one week to make it up when you return. Test corrections will be available after every test for students to earn back up to half of the points they lost. These corrections will be due one week after the test has been handed back. Test corrections will include correcting the incorrect work and a written explanation of the error.

Extra Help:

I am available most mornings starting at 7:05 in room 13. Please make an appointment with me to meet in the mornings. I am also available during 4th block in room 13.

Classroom Rules/Expectations:

In class, you are expected to follow all of the rules of Giles County High School. You are also expected to:

- Place your phone in your assigned pocket as soon as you enter the classroom.
- Pick up a calculator from the charging dock.
- Go to your assigned seat and prepare for class.
 - Sharpen pencils.
 - Get out your binder.
 - Put earbuds/headphones in your backpack.
- Begin working on bell work.
- Take notes and participate in the lesson/activity.
- Respect the teacher, your peers, and yourself.
- Work hard and don't be afraid to make mistakes.

** The following page is a signature page that states that you and a parent/guardian have read and acknowledged everything on this syllabus. Please read it over with your parent/guardian, and hand it in by **Monday, September 16th**. This will count as a homework grade.

** Any part of this syllabus is subject to change.

Parent/Guardian and Student Acknowledgement of Class Syllabus:

We have read the Algebra 1 Syllabus. We understand what is expected in this class and will do what is asked to the best of our abilities.

If you have any questions, please feel free to contact me. Please hand in this signed form by **Monday, September 16th**. It will count as a homework grade.

Student's Name

Student's Signature

Parent/Guardian's Name

Parent/Guardian's Signature

Parent/Guardian's Email

Parent/Guardian's Phone