

Algebra I Syllabus

JCHS is a fountain of knowledge – don't leave thirsty!

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Materials Needed Daily: 3-ring notebook, pencils, paper, and scientific calculator
Students may also find it helpful to have a ruler, protractor, markers, or colored pencils at home, and access to the internet.

Course Description: **Algebra I** is the first course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications. This course will extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of functions by comparing and contrasting linear, quadratic, and exponential phenomena.

Standardized Testing: Students will take a Georgia Milestone Assessment in Algebra I near the end of the semester. In addition, the skills learned in Algebra I are critical to a student's success on the SAT math section and ACT math section.

Assessments: Assessment of student progress will consist of quizzes, tests, progressive skills and culminating activities. Formative assessments will be used by students and teachers to determine progress towards meeting the standards. Formative assessments may or may not appear in Power Teacher but will NOT be included in the grade calculation. Summative assessments are given after content has been learned to evaluate standard mastery. Summative assessments will be the grades recorded in Power Teacher to calculate course average.

Grading Policies:

- EFFORT is the most important component
- Grades are calculated using the following percentages:
Standards Mastery: 60%
Classwork/Homework: 20%
Nine Weeks Exam: 20%

When a student completes Algebra I, he/she must take the Georgia Milestone Assessment for Algebra I. The average of the two 9 week's grades will count 80% and the score on the Georgia Milestone Assessment will count 20%.

Teacher Responsibilities:

- To treat each student with respect
- To provide the appropriate motivation

Student Responsibilities: Research has shown that those who do the work are the ones that are learning. Therefore, all students are expected to take an active role, **assuming responsibility for their own learning**, by doing each of the following:

- Having all materials daily – notebook, paper, and pencil
- participate fully on a daily basis
- complete all assignments on time, attempting every problem assigned
- never turn in work that is not your own
- keep material organized in your notebook
- be present for class regularly
- seek extra help when needed
- to treat teacher and classmates with respect

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TO: Students in Algebra I and their parents

FROM: The Algebra I Team of JCHS Mathematics Dept.

RE: Syllabus and Classroom Expectations

Welcome! We are glad you are in this class and look forward to a great year! This course is a required course to graduate from High School in the state of Georgia. The JCHS math faculty is very excited about the move to Georgia Standards of Excellence Standards.

Algebra I is the first of four math courses using the new Georgia Standards of Excellence. Algebra I is a task based course which requires active participation in learning assignments designed for group work and independent thinking.

As you know, success takes effort. We have prepared a list of classroom expectations so you are aware of the requirements in this course and know what to expect in this course design. Please read through this syllabus carefully, share it with your parent(s) and have them sign below. Return this page to us tomorrow and keep the syllabus in your notebook so you may refer to it as a guide throughout the course.

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I have read the attached syllabus outlining expectations for the Algebra I class and understand it is the student's responsibility to abide by them.

Student Signature: _____

Parent Signature: _____

Date: _____