



GSE Algebra

Ms. Shaffer/Mrs. Churchill

Spring 2017

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Course Description

The fundamental purpose of Algebra I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential and quadratic phenomena, and in part by applying linear models to data that exhibit a linear trend. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

The course will be divided into the following units:

Unit 7: Quadratic Expressions

Unit 8: Solving Quadratic Equations

Unit 9: Quadratic Functions

Unit 10: Exponential Functions

Unit 11: Comparing Functions

Unit 12: Data Analysis

Grading Policy

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|----------------------------|------------|
| Tests/Projects | 50% |
| Quizzes | 15% |
| Tasks / Classwork | 10% |
| Homework | 5% |
| *End of Course Test | 20% |

Teacher Blog

Our blogs can still be accessed via www.harrisonhigh.org, <http://a1hhs.weebly.com/>, or <http://churchillharrison.weebly.com/>

***State End of Course Test (EOCT) – (GA Milestones 2015)** The State of Georgia requires that an end of course test be administered for GPS Algebra. The State also mandates that for incoming freshmen it count 20% of the student's grade. We must finish all coursework and do an extensive review to prepare for this exam. Daily attendance is a crucial component for success. Missed school days mean lost instruction that is very difficult to make up.

Homework

Homework will be checked daily, but entered in the grade book as a weekly average. Homework is checked for effort and completion.

Materials and Notebook

3-ring 1" Binder

Graph paper

Notebook paper

8 Dividers – one for each unit and EOC Prep

Spiral Notebook

Pencils (No pens!)

Calculator – TI-84 Graphing Calculator

Glue Stick

Calculator FAQ

-Student will need TI 84 Graphing Calculator

-This Calculator will be used through college

-Only Calculator offered on EOC

-Found at Staples, Office Max, Walmart, Amazon, etc.

-Cost: ~\$110

-Class Set is NOT available

Make Up Work

Making up missed work is your responsibility! Only students with excused absences will be allowed to make up missed work. Check the blog to see what assignment you have missed, but hard copies will be available upon return located in the Make-Up box; students will be informed of this procedure on the first day of school. All make up work and tests will be recorded as a 0 until completed. **Make-up tests and quizzes must be taken before the next unit test to receive credit.** Make-up tests and quizzes MUST be taken on the following Wednesday or Thursday according to Math make-up schedule. Schedule is posted on the blog and in the room. Missed tests and quizzes will have a grade of 0 in the grade book until the test is made up.

If circumstances require more time, you must make arrangements with me on the day of your return. **If you miss only the day of review for a test, you are expected to take the test with the class if you return on test day.** If you miss only the day of a test, you are expected to make up the test at the next scheduled make up session.

Extra Help

Ms. Shaffer is available for extra help **before school starting at 7:45am** Monday and Wednesday (9224). Mrs. Churchill is available for extra help **before school starting at 7:45am** Tuesday and Thursday (9115). Peer tutoring is available Wednesday **3:30-4:15pm** (414)
Other tutoring times by appointment only.

Cheating

Cheating will **NOT** be tolerated. Any student found guilty of cheating will receive a “0” on that graded item and a conduct grade of “U” on the report card. See student handbook for further details. This includes, but is not limited to homework, classwork, and any assessment.

School Wide Tardy Policy

1st Tardy – 3rd Tardy: Detention
4th Tardy – Saturday School

Communication

The email address that is associated with your ParentVue/StudentVue account is how I will send out class messages. I communicate most effectively via e-mail and will send information and reminders through e-mail. Please do not hesitate to reach out to me via e-mail should you have any questions or concerns.

In Closing

GSE Algebra is the foundation for all higher level math courses and is extremely important. Without a solid foundation in Mathematics, students struggle. Start the year off right with good attendance, a positive attitude and a good work ethic. These are the key components to success. We look forward to working with you this year. Please do not hesitate to ask me for help. Be proactive; do not wait until the last moment, like right before a test, to ask questions. We expect great things from you!

KEEP THIS SYLLABUS IN THE FRONT OF YOUR NOTEBOOK!

Please sign and date after reviewing the Algebra I Syllabus for the Spring 2017 semester. This page will be detached and returned to Ms. Shaffer and/or Mrs. Churchill.

Algebra I Syllabus:

Student signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____

