

# Foundations of Algebra

Mr. Nix

Room 1118

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## Course Overview:

Foundations of Algebra is a first-year high school mathematics course option for students who have completed mathematics in grades 6-8 yet will need support to bolster their success in other high school mathematics courses.

## Course Outline:

This course will consist of the following topics:

Number Sense and Quantity  
Arithmetic to Algebra  
Proportional Reasoning  
Equations and Inequalities  
Quantitative Reasoning with Functions

## Supplies:

- 3 Ring Binder
- TI-36X Pro (approx. \$25)
- Loose Leaf paper
- Pencils

## Classwork:

- Classwork will be assessed at the teacher's discretion using a variety of methods for completion and/or accuracy.
- Credit for accuracy will not be awarded unless it is evident the student made an effort to model the concepts and examples from the notes/class work.
- The student **MUST** show the steps used and not just an answer (as modeled in class).

## Tests/Quizzes:

- Quizzes and tests will be given throughout each unit to assess learning.
- There will be no sharing of calculators on quizzes and tests. If you wish to use a calculator, you must bring your own (***you may not use your cell phone calculator***)
- Talking during quizzes and tests constitutes cheating. Use of cell phones during quizzes and tests constitutes cheating. You **WILL RECEIVE A ZERO!**

**Grading:**

- Semester grades consist of the following:  
Summative (test/unit projects) 71%  
Formative (quizzes/daily graded work) 29%
- Final Average consist of the following:  
Semester Grade: 80%  
Final Exam: 20%

**This class does not have a Georgia EOC Milestones Test**

**Mathematics Department Mastery Plan:**

- Students have the opportunity to retake summative assessments on which they score below a 70. The highest score that can be earned on the retest is 70. Students must complete retests with the teacher within two weeks of receiving their grade on the assessment. Prior to taking the retest, students must complete a remediation process as determined by the teacher
- Students will have an opportunity to show mastery (retest) on one unit test per semester for full credit.
- **Any assessment where cheating has occurred is exempt from this opportunity**

**Notebook and Binder:**

- It is imperative each student keep an organized notebook.
- Students must keep notes, homework, class work, and quizzes in a binder.
- If you are absent, it is your responsibility to get notes/classwork from a classmate or the website to copy.

**Tutoring: Tutoring is offered at specific times throughout the week. Tutoring times are located on Mr. Nix's website.**

- We are willing to assist any student who feels the need for extra help. However, if a student has not utilized class time wisely or is not utilizing tutoring time wisely, then the student will be asked to leave.
- Please come to help sessions prepared with specific questions.

**Make-Up Work:**

- Make up work is the responsibility of the student. We will NOT remind you!
- Make up work will not be completed during class. It is the student's responsibility to schedule a time for make up tests and quizzes with teacher before or after school.
- **A student who misses one day of class the day before a scheduled test (review day) will be expected to take the test in class as scheduled.**