



# Ola High School

## Algebra 1

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Course Description:

In this course, we will be breaking down the Algebra I standards into the mathematical foundations needed to achieve mastery in each standard. This course is designed to help you review previous mathematical knowledge as well as continue to learn the concepts needed to succeed in the courses to follow.

The fundamental purpose of this course is to reteach, analyze, and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, will be broken down into their basic components in order to revisit and extend understanding of functions by comparing and contrasting linear, quadratic, and exponential phenomena. Concepts will be presented in multiple ways such as concrete/pictorial, verbal/written, numeric/data-based, graphical and symbolic.

Unit 1: Modeling Linear Functions

Unit 2: Analyzing Linear Inequalities

Unit 3: Investigating Rational and Irrational Numbers

Unit 4: Modeling and Analyzing Quadratic Functions

Unit 5: Modeling and Analyzing Exponential Expressions and Equations

Unit 6: Analyzing Exponential Functions

Unit 7: Investigating Data

Unit 8: Algebraic Connections to Geometric Concepts

### Class Expectations:

1. Complete ALL assignments.
2. Remember academic integrity.
3. Always be an active learner.
4. Be PREPARED for class each day.
5. We are here for you: Use your VOICE.
6. Have a charged Chromebook and be logged in before class.
7. Cell phones should be put in the caddy every day.
8. Follow classroom norms.
9. Be respectful of your classmates.

**Core Class Materials:**

3-ring Binder with paper or Spiral Notebook

PENCILS, PENCILS, PENCILS

**Grade Reports:**

Grading Breakdown: Cumulative Average: **80%** (Practice and Assessments)

Semester Summative Assessment: **20%**

Cumulative Average:

-**40%** Formative Assessments/ Practice - Classwork, homework, benchmarks, CFA's

-**40%** Assessments - Unit test, culminating performance task.

Final Exam/EOC (EOC 2nd semester only)

-Assesses ALL units\* Counts as **20%** of final grade

**Attendance / Make-up work:**

Attendance is expected. It is very important that students participate in class regularly. You assume the responsibility to make arrangements to make up a test and securing all notes from any missed class. ***It is the students' responsibility to check Google Classroom for lessons and assignments.*** Class time will not be spent getting you caught up if it interferes with the instructional time of other students.

**Tardies:**

At the end of the LAST BELL you must be in the classroom. If you are not in the class when the bell stops ringing, you are tardy. If you are tardy you will be required to get a pass from the Tardy Kiosk in order to come in. Please review the handbook for the tardy policy. Make it a point to be on time.

**Assignments/Practice:**

Each student is expected to attempt, complete, and check every assignment. Practice problems will be assigned **EVERYDAY**. Mathematics is learned by practice; therefore, you are expected to do your homework every night. Every assigned problem should be tried and the answer checked. Students are expected to check their own practice problems as we review them in class or on my website/google classroom. It is permissible to discuss problems with other students or relatives. It is not permissible to copy another person's work. CFA's/Standard checks consisting of 4 or 5 problems similar to the homework will be frequently given and will be graded for accuracy.

**Tutoring:**

I am available to help you and answer your questions when needed. Tutoring will be offered during ALL Freshman Focus periods by different math teachers. If additional help is needed, students can receive tutoring from math teachers during their scheduled office hours. There are additional resources available on our websites, the Ola High School website, and the Henry County website. Make sure you check my teacher webpage through the Ola High School website for updates.

**Remind Code: (Text to 81010):**

**Algebra I**

**@mwalg123**

Your success in this class depends on the amount of time and effort you are willing to put forth.

Working together, we can have a great year!

