

# Course Overview

In Algebra I, students will increase their algebra skill fluency and problem-solving skills through a project-based-learning curriculum. They will explore various topics, including: linear equations and inequalities, functions, systems of equations, and quadratic equations. They will enhance their note-taking and study skills by utilizing an interactive student notebooks. Additionally, students will grow in their ability to set goals and track, monitor, and ensure their own progress with support from Mrs. Miller.

# Mrs. Miller – Room 305

# imiller@noscihigh.org

# scihighmath.weebly.com

**Algebra I Syllabus**

# Behavior Expectations

In order to maintain a productive learning environment students are expected to:

* Arrive to class before the tardy bell with all of their materials.
* Listen attentively to lessons, instructions, and class discussions and be ready to participate when called on.
* Begin assignments promptly and remain on-task to completion.
* Raise a hand and wait to be recognized when there is a question, comment, or request.
* Get permission to get out of the assigned seat.
* Refrain from using personal electronic devices.

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**Grading Scale and Percentages**

Each student’s semester grades will be calculated and assigned using the following category percentages and grading scale:

**35% Practice Work** (classwork, homework, catalysts, exit tickets, notebooks)

**50% Assessments** (projects, performance tasks, tests, quizzes)

**15% Exam or EOC Test**

**A 93 – 100**

**B 85 – 92**

**C 75 – 84**

**D 67 – 74**

**F 0 – 66**

# Absences and Assignments

# Students will receive and extended due date equal to the number of days missed for work that is not turned in due to an absence. The student is responsible to get makeup work and assignments from the bulletin board and file folder that will be maintained in the classroom.

# If a student is absent on a test or quiz day, it is the student’s responsibility to schedule a time with Mrs. Miller to make up the test or quiz. Makeups may be scheduled for class time or during tutoring. A grade of 40% will be entered into the grade book until the student makes up the test or quiz.

# Academic Integrity

Breaches of academic integrity will result in the grade of 0% for the assignment or assessment. Examples of breaches of academic integrity include:

* Plagiarism
* Cheating or copying the work of another
* Permitting another student to copy work
* Using technology for illicit purposes
* Unauthorized communication between students for the purpose of gaining advantage during an examination
* Breaches of the testing environment (e.g. talking, taking out papers or a cell phone)
* Changing grades in a teacher’s gradebook

# Late Work

Students have until the end of the quarter to turn in late work. The highest possible grade that can be earned for late work is a 75 C.

# Assessment Retakes

Students may request and schedule a retake of any assessment until two weeks before the end of the semester (December 1, May 11). The higher of the two scores will be used in the grade calculation.

# Materials

Students use class time more effectively and are more successful when they are prepared for class. Algebra I students are required to bring the following materials to class each day.

* 3 sharpened pencils
* Loose-leaf paper
* Folder
* Composition Notebook
* Scientific calculator
* Tape or glue (optional)
* Highlighters (optional)
* Scissors (optional)

# Units

Unit 1 Problem-Solving & Measurement

Unit 2 Modeling with Functions

Unit 3 Linear Functions

Unit 4 Equations

Unit 5 Linear Equations & Inequalities

Unit 6 Quadratic Functions

Unit 7 Quadratic Equations

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