

Algebra I Syllabus

Course Title: Algebra 1 **Teacher:** Ms. Katie O'Leary

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Please reach out with any questions or concerns! Email is preferred.

Description:

Algebra 1 is a challenging, high school course that covers a wide variety of topics. Students who successfully meet the standards of this class will be eligible to receive high school credit. Over the course of the year, students will explore a variety of topics, including:

- Expressions, equations, and functions
- Solving, constructing, and graphing linear functions
- Systems of equations and inequalities
- Exponents, exponential growth and applications
- Polynomial, radical, and rational functions
- Graphing, solving, and factoring quadratics
- Probability and Statistics

To explore these topics, students will be using McGraw Hill's Algebra I textbook, as well as a variety of additional resources, including online tools.

Supplies:

Each student will need the following supplies each day:

- **Charged** computer –checked out through CRA Library, or personal device that meets the requirements.
- Notebooks – composition-style, or spiral bound, used only for math work (*one per semester*)
- Graph paper
- Folder or binder to keep returned work
- Pencils – mechanical or standard, with a personal sharpener or extra lead
- Pens, colored pencils, and highlighters
- Calculator – 4-function or scientific (NOT on a phone)
- Textbooks: McGraw Hill's Algebra 1 textbook (*checked out to students in September*)

Optional supplies to donate for classroom use:

- Cleaning wipes
- Hand sanitizer
- Colorful dry erase markers
- Glue sticks
- Tissue

Expectations:

Attendance: Students are expected to attend class whenever possible, including being in their seat ready to learn when class begins. When absent, it is the responsibility of the student to arrange to make up any missed activities. Many resources are available through Microsoft Teams; however, students should check in with Ms. O'Leary or a classmate to verify that the posted plans match the classroom activities for that day. Students who will be absent for scheduled school-related activities must make arrangements in advance to turn in assignments and get homework. If a student is struggling with excessive absences or tardiness, a conference will be scheduled to determine how to best support the student's needs.

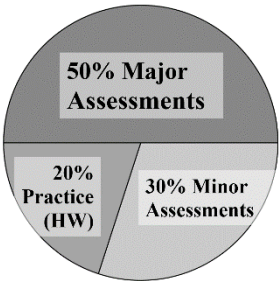
Assessments: In order to promote mastery learning, students will have the opportunity to correct and/or retake assessments in order to demonstrate an understanding of the content and receive additional partial credit. Corrections are due one week after the graded item is returned to students. Retakes of major assessments can be scheduled using the “Request to Retest” form. Expectations for corrections and retakes will be explained in detail after the first assessment.

Assignments: Math is a skill that needs practice! Expect homework daily. Homework assignments will typically be graded for both completion and accuracy. Students should expect a variety of learning tasks, including assignments from the textbook, printed or PDF worksheets, and digital tasks through online programs. To encourage students to master the content, late work will be accepted for partial credit within the unit of study. Students will occasionally have the opportunity to work in a collaborative setting on assignments, but each student will be individually accountable for understanding the concepts addressed.

Academic Integrity: Students are required to maintain academic honesty in all situations. This means that students are expected to turn in work that reflects their independent knowledge of the topic, unless specifically allowed to use additional resources/assistance. Students are expected to be honest about any self- or peer-graded scores. Appropriate consequences will be enforced for students who commit acts of academic dishonesty. Please see the student handbook for additional details.

Grading:

Grades will be updated frequently on PowerSchool. Students are responsible for checking grades and keeping returned assignments to verify posted scores. Occasionally, extra credit opportunities will be offered to students. These extra tasks will not significantly impact the overall course grade but may benefit a student who is on the borderline between letter grades.



Grades will be determined on a weighted scale with the categories shown:

Students will learn the expectations and consequences of the classroom in the first week of school. Generally, these expectations are designed to allow all students to experience a safe and positive learning environment. Possible consequences for choosing to ignore expectations may include verbal warnings, phone calls or emails home, lunch or after school detentions, or referrals to the office.

I acknowledge that I have read and understand the expectations for Algebra 1 as detailed in this syllabus for the 2023 – 2024 school year.

Student Name:	Class period: _____	Student Signature:
_____		_____
Parent/Guardian Name:	Parent/Guardian Signature:	
_____		_____
Parent/Guardian Contact Information (<i>please place a star next to the preferred method of contact</i>)		
Email: _____	Phone Number: _____	