



General Course Information

Course Title	Algebra 1
Description	Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course.
Faculty Name	Ms. Teresa Madyun
Contact Information	Email: mailto:madyunt@aaps.k12.mi.us Teacher Website http://www.a2schools.org/site/Default.aspx?PageID=7778 Phone: 734-997-1237, Cell: (734) 560-7035, Room: 208

Introduction / Schedule

Welcome **to Algebra**. We will be exploring the following topics together over the school year. *Essential Questions* and *Alignment with State Standards* for each unit.

◇ Unit 1: Foundations for Algebra	◇ Unit 6: Exponents and Polynomials
◇ Unit 2: Equations	◇ Unit 7: Factoring Polynomials
◇ Unit 3: Inequalities	◇ Unit 8: Quadratic Functions & Equations
◇ Unit 4: Linear Functions	◇ Unit 9: Radical Functions
◇ Unit 5: Systems and Inequalities	◇ Unit 10: Rational Functions & Equations

Grading

Assessment – There are three basic categories of assignments that will be assessed:

- **Process** – *Geometry Notebook* assignments, Bellwork, Classwork, and Homework. These assignments include note taking, reading assignments, written responses to the content studied, participation in discussions, simulations, and group assignments / presentations. Geometry Notebook guidelines will be provided.
- **Mastery (Product/Performance)** – Quizzes, Tests, Projects, Formal Presentations. This category includes unit tests and quizzes. Tests may include mini-essays, short answer, vocabulary sections, as well as multiple choice or true/false sections. Project performance is also included here. Project rubrics will be discussed when assigned.

Grade Weights: Process – 20%, Mastery – 70%, & Final Exam – 10%

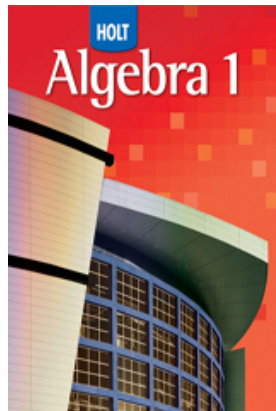
Student Expectations

Students will be expected to:

- **Purchase a Composition Notebook (bounded) for this class.**
- Participate in classroom discussion and in-class activities in a respectful, professional manner.
- Complete regularly assigned reading / homework independently.
- Take notes during class instruction /discussions.
- Adhere to all Safety Procedures
- Demonstrate academic integrity. Students will act honestly and ethically in their work.
- Use computers in a responsible, mature manner in accordance to school policy.
- Notify instructor of obstacles preventing completion of assignments or projects.

Policy on late/makeup work: Students are expected to complete all class work and homework assignments by the specified due dates. Please communicate with me in advance of the due date to request an extension if you have a problem completing an assignment on time. I will accept late work with a 30% reduction. Please note makeup tests/quizzes will be graded up to 70% of the original score.

Several Online Programs will be used throughout the course:



ALEKS

KHAN Academy

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We have read and understand the syllabus.

Student Signature: _____

Parent Signature: _____

Contact Number: _____

Email: _____