

Algebra 1 Syllabus

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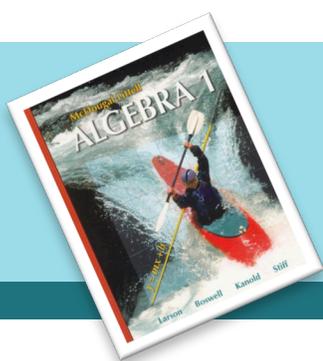
Course Content

- Unit 1** – Expressions, Equations, and Functions
- Unit 2** – Real Numbers
- Unit 3** – Solve and Write Equations
- Unit 4** – Solve Proportions and Percentage Problems
- Unit 5** – Linear Functions
- Unit 6** – Writing Linear Equations
- Unit 7** – Solving and Graphing Linear Inequalities
- Unit 8** – Systems of Equations and Inequalities
- Unit 9** – Exponents
- Unit 10** – Polynomials
- Unit 11** – Square Roots and Radicals
- Unit 12** – Quadratic Functions

Welcome to Algebra 1! Algebra 1 is designed to develop students' higher level thinking processes. It will prepare students for higher level courses and careers requiring the use of mathematics. The student must successfully complete Pre-Algebra before beginning Algebra 1.

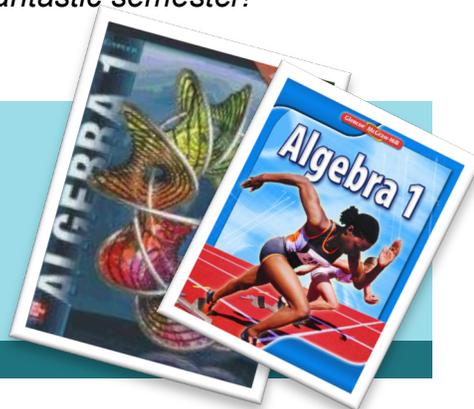
I have made a commitment to you that with a positive attitude, I will do my best each and everyday to be prepared and do my best in order to for you to succeed. It is my desire for you to make the same commitment to yourself that you will do all you can to ensure your success.

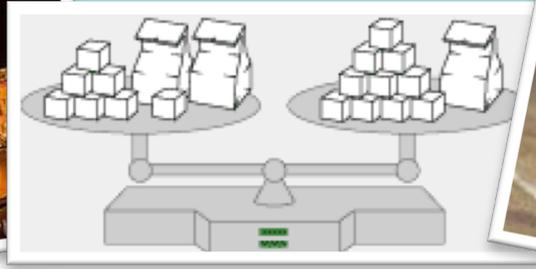
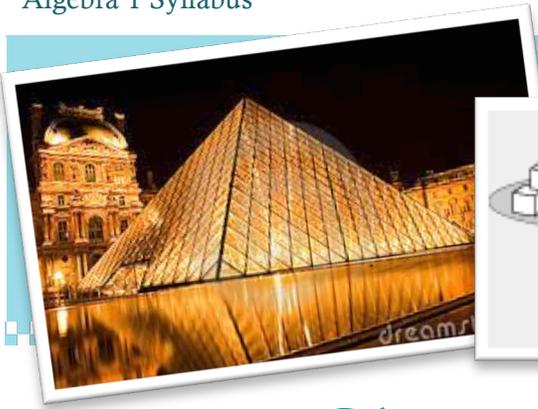
Any question you have is a good question, so please ask away. My classroom is a warm and accepting environment. Together, with both of our commitments, we will certainly have a fantastic semester!



Materials Needed for Class

- Scientific Calculator (TI84 or TI83)
- Pencils - Pens - Lined Paper
- Pencil Case -





Classroom Expectations

Come Prepared

Every day you should have your pencil, math binder, textbook, calculator, and homework out prior to the start of class.

Speak and act respectfully

Students should respect teacher/student property, follow directions immediately, raise hand for permission to speak or leave room, follow restroom procedures, etc.

Students should save personal questions (ones that do not affect the whole class) for after school, before class, or during individual work time. Do not ask personal questions during instruction or direct teach time.

Use Your Time Well

When given time in class to begin homework, complete an in-class activity, or participate in group-interactions, I expect you work at your full capacity.

Ask Questions

If you don't understand something, ASK! This course will build upon itself and it is important that you understand the material in one lesson before moving ahead to the next. Refusing to ask a question or seek help, when you need it, will just create a lot more stress for you in the long run.

Technology and Bathroom Procedures

Comply with Aim High School's Code of Conduct in the student/parent handbook.

Breakdown for Semester Grading

Participation
Homework
Assessments

10%
30%
60%

Participation

Students are graded on a daily basis (5 point per day) for their participation in class.

Class participation points are earned for being on time, being prepared with necessary materials, working at fullest capacity, following the rules and regulations of the class, and working cooperatively with others.

Homework

Students regularly earn homework points for completing problem sets and video notes (10 points per task).

Homework points are earned based on completion, work shown, proper headings, and being turned in on time (-2 point per day late).

Assessments

Student assessments can take several forms, such as section quizzes (8-20 points), unit tests (100 points), projects (50 points), and a mid-term exam (300 points).

No retakes are allowed on unit tests, projects, or mid-term exams. Students do, however, have the opportunity to retake any quiz for full credit once before the next unit test.