

**Algebra I**  
**Saint Mark Lutheran School**  
**Kaneohe, Hawaii**

**Instructor:** Kristy Schroppel

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**Synopsis:** The purpose of this course is to formalize and extend the mathematics that students learned in previous years, as well as provide a foundation for future mathematics courses. Upon successful completion of this course, students will be able to demonstrate a wide range of algebraic and problem-solving skills through topics such as: operations with real numbers, solving equations and inequalities, graphing/writing linear equations and inequalities, relations and functions, polynomials, radical and rational expressions, nonlinear equations, and solving systems of linear equations and inequalities.

Ready to have fun?

**Materials needed:**

Textbook: Algebra I (supplied) -- must be covered every day

Folder or binder section for keeping math homework organized

Composition book for note taking, problem solving and journaling

**Pencil** for homework

**Yellow** highlighter to highlight answers

Scientific Calculator

Red pen or pencil for correcting (no sharpies or highlighters)

**Grading:** Percentages convert to letter grades as specified in the Saint Mark parent/student handbook. Your grade is based on homework, classwork and notes, tests, quizzes, projects, and preparation/participation.

**What to expect for homework:**

Expect assignments nearly every day. While there will be some time to work in class, you should be prepared to spend some time each night on your math homework. A very important part of doing homework is **SHOWING YOUR WORK!** You must be able to justify your answers. If you are struggling with your math or are spending way too much time on it, please come see me for help. I am usually available after school.

You will correct your own homework most of the time so you can see right away how you did on it. Making corrections is a very helpful tool to improve your learning. Homework will earn a 4 if it is very complete, accurate and corrected, a 3 (75%) if it is mostly done but there is anything missing, a 2 (50%) for minimal effort or if turned in late, and a 1 (25%) for no effort. Work more than 1 day late will earn a 0.