

**Course Name:** Intermediate Mathematics

**Duration:**  1 Semester  Full Year

**Grade Level:**  9th  10th  11th  12th (check all that apply)

**Are there any prerequisites for the course?**

Completed Algebra and Geometry

**WHAT this course is about:**

Review of Algebra and Geometry standards

**WHY take this course:**

To solidify your Algebra and Geometry skills before moving onto Algebra 2/Senior math course.

**WHAT you'll learn:**

Algebra and Geometry standards (Linear functions, equation solving, area and volume, Trigonometry, Exponential functions, Probability and Statistics, and Quadratic functions) that you've seen before but were not confident in- this course will help you master these concepts :)

**WHAT you'll do:**

Some days will be group work, some days will be independent work, some days will be computer activities, some days will be whiteboard work... whatever the lesson format, at the end of the period, you will take away some sort of mastery on a skill that you previously needed more time on.

**WHERE this could take you:**

This class can count as your 3<sup>rd</sup> year of math and will prepare you for your next year's math course.

**OPTIONAL Course Outline ("scope and sequence", sequence chart, etc.)**

1. Functions & Equations
2. Linear
3. Geometry/Trigonometry
4. Inequalities
5. Systems
6. Exponentials and Polynomials
7. Quadratics
8. Probability & Statistics