

Syllabus for Mr. Oliver's Algebra II Class

Overview of course:

RISE Academy Math is a course where we will be learning the essential standards and skills of Geometry, Algebra I, Algebra II, Career Math through explorations, presentations, and demonstrations as well as the skills necessary to succeed in life. The core purpose of this course is to prepare you for the next chapter of your life whatever it may be.

Expectations of class:

I expect everyone to come to class with purpose, with a growth-mindset, and with respect for themselves and all others.

- **Purpose** - We are here to learn and prepare ourselves for the best possible future, so every class meeting will be for that purpose.
- **Growth-mindset** - A growth mindset means everyone is willing to learn and not give up if they do not succeed the first time.
- **Respect for Themselves and All Others** - I do believe that everyone deserves respect, and that everyone in this classroom will have that respect, guaranteed.

Classroom Management Plan

- Verbal reprimand
- Conference with student with parent contact
- Withdrawal of privilege(s) with parent contact
- Other consequences determined to be reasonable and appropriate by the school administration.

Cell Phones

Cell phones and earbuds/headphones will not be allowed to be used during classroom instruction time. Phones and earbuds/headphones will be put away in a location designated by the teacher and placed in silent mode. In secondary schools, students will have access to their phones and earbuds/headphones outside of classroom instruction time such as between classes and lunch. Failure to follow these procedures will result in consequences in the classroom management plan.

Materials:

- Pencil, pen and/or other writing utensils
- Notebook and/or 3-ring binders with paper
- Calculator (will be provided)
- School-Assigned Laptop
- Any other materials will be provided to you upon request

Grade Policy:

Grades will be based on Daily Work, Quiz/Mini-Projects, and Tests/Projects/Presentations. The percentage breakdown is below:

- **Daily Work - 40%**
- **Quiz/Mini-Projects - 30%**
- **Tests/Projects/Presentations - 30%**

Make-up Work Policy:

There is no homework for this class, but it will be on you to complete any work you miss from a given day. You will have **2 days** to complete any work you miss.

Pacing Guide

Chapter 1: Linear Functions (6 days)

Chapter 2: Quadratic Functions (6 days)

Chapter 3: Quadratic Equations and Complex Numbers (8 days)

Chapter 4: Polynomial Functions (11 days)

Chapter 5: Rational Exponents and Radical Functions (7 days)

Chapter 6: Exponential and Logarithmic Functions (10 days)

Chapter 7: Rational Functions (7 days)

Chapter 8: Trigonometric Ratios and Functions (9 days)

Chapter 9: Data Analysis and Statistics (9 days)

Chapter 10: Matrices (6 days)