

Algebra II is going to be some review from Algebra I and mostly new problems involving generally equations, graphs and functions. We will also try our best to see connections to the future math courses such as Statistics and Pre-Calculus as well as applications to the real world. Some applications we will see right away, and some you will notice later when you gather more mathematical tools in your toolbox by taking more math courses.

Math can be challenging and frustrating sometimes. Do not be discouraged if you find yourself struggling with some parts of the material. Remember to work hard and not to give up easily. I will be here for you for support every step of the way. Here are the topics we are going to cover from our Algebra II Textbook:

Chapter 2: Linear Functions (Short Review)

Chapter 3: Linear Systems

Chapter 6: Polynomial Functions

Chapter 5: Quadratic Functions

Chapter 8: Rational and Radical Functions

Chapter 7: Exponential and Logarithmic Functions

Homework – Quantity and Quality

1. Your success depends not just on completing homework every time it is assigned, but spending the time and effort to struggle with the tough problems, and to learn to try a different strategy or approach if the first attempt doesn't work out. You cannot skip homework and expect to be successful. Expect about 15 to 30 minutes per night.
2. All work (not just answers) must be shown in a **NEAT** and **WELL ORGANIZED** manner and answers should be **circled**. Learn to use drawing to help you understand and solve a problem.
3. All work must be done in **pencil** AT ALL TIMES to allow for corrections.
4. I will grade your homework at least **three times a week**. Mostly it is your responsibility to make sure your work is correct. If you need extra help outside of class, you may email me or make an appointment through Zoom after school.
5. Homework assignments will be checked for accuracy, completeness, and effort. You will be graded on the scale of 0 through 10. Even if a couple of problems are done incorrectly, you can still receive 10 points if you show great effort.
6. If you did not do your homework, you receive a zero. However, you can still turn in your homework late **one day** with no penalty.
7. You will be given short “baby” (exit) **quizzes** about three times a week. These will include questions very similar to the ones you have seen on your homework or in class.
8. After school help is available for those who need it. Please check in with me through email, Google Classroom or Zoom.

Study Habits and Work Procedures

1. All students must maintain a 3-ring binder to collect handouts, quizzes, assignments, projects, tests and other class related material. Bring it to class with you every day.
2. Take extensive, detailed notes and copy down **all** examples in class.
3. Take the responsibility to check your homework and make note of the problems that you struggled with to ask questions about them in class. It is a good idea to have a '**STUDY BUDDY**' or a study group.
4. After a test, make sure to work on **test corrections**. (Test Corrections Policy will be explained after the first test.)

Classroom Expectations

1. Class time is important – be on time for your Zoom classroom meeting. **After you are late to class three times, your parents and administrators will be notified.**
2. Before a Zoom class starts, be a self-starter: get out your daily warm up and start checking your HW either by yourself or with your parents. Make sure you have all the necessary materials ready to go before Zooming.
3. Participate actively in class discussions. **Ask and answer lots of questions**, and raise your hand to be recognized. Try to speak up in class **at least once every day** whether it is to ask or to answer a question, or to share your screen/work. Engage! The more discussion, the better.
4. Cell phones should only be used as a calculator or as a part of a learning activity during class.
5. You will need a scientific calculator, a ruler and a few colored pencils for this class. Some students prefer to have a graphing calculator (TI 83, TI 84, etc.), however, it is not required in this course.

Zoom Etiquette

1. Check your technology and links ahead of time before your first class.
2. Be on time for your Zoom classes every time.
3. Make sure you are marked present by filling out the attendance Google form every time.
4. Dress professionally to your Zoom meeting. You will need to show your face.
5. Find a place in your house that is quiet, well lit and has a desk or a table for you to take notes. Please do not Zoom from your bed.
6. Use your phone only for a calculator or a class related activity.
7. Ask your questions and give your comments in chat.
8. Mute yourself, unless you want to talk or ask a question.
9. Take notes and make an effort to participate.

Evaluation

Homework, Classwork, Warm Ups, Participation	20%
Quizzes, Tests and Projects	80%