



ALGEBRA 2

COURSE DESCRIPTION- Algebra 2 includes the four fundamental operations with rational numbers and polynomials, solving linear equations and inequalities in one variable, graphing equations and inequalities in two variables, factoring of polynomials, solving quadratic equations, graphing quadratic equations and inequalities, operations with rational and irrational square roots, and simplifying radical expressions. These topics are expanded and taught on a more advanced level as compared to Algebra 1 or Algebra 2 Modified. The new topics in Algebra 2 include relations and functions, graphing quadratic equations, exponential and logarithmic functions, progressions and the binomial expansions, and trigonometry. **A scientific calculator is required for this course.**

GRADING- The number of points you earn determines your grade. Points will come from a variety of activities- effort, participation, homework, class work, quizzes, tests, and projects. If you ever have questions about your grade, PLEASE ASK! 😊

Summative Assessments (quizzes, tests, projects): 80%

Formative Assessments (homework, class work, effort): 20%

HOMEWORK/CLASSWORK- Math is not a passive subject, it is extremely active! Homework and classwork are the most important ways to improve your math skills. You will have classwork and/or homework almost daily. We have to get in lots of practice to become great mathematicians! Assignments will be graded in a variety of ways, but if you have **no work** on your assignments, you will receive **no credit**. If you are absent, IT IS YOUR RESPONSIBILITY to check the assignment sheet that is posted in the Google Classroom to make up any work you have missed. You have 2 days for every day you are absent to make up the work. ****Any work missed because of an *unexcused* absence will NOT be able to be made up- this includes tests, quizzes, and projects! ****

LATE WORK- Per department policy, late work **will not** be accepted. No exceptions.



EFFORT POINTS- You may earn up to 1 point per day. Disrupting class or being off-task will result in a loss of that day's effort points.

ABSENCE POLICY- If you are absent from my class due to an excused absence, you have 2 days to make up the work. All planned absences should be discussed with me prior to your absence. Any unexcused absences will result in 0's for that day. If you have an excused absence on a quiz/test day, you will be expected to take the quiz/test the first day you return. Any unexcused absences on these days will result in a zero for that quiz or test. A complete explanation of the school absence policy can be found in the student handbook.

TEXTBOOK- There will not be an assigned textbook for this class. Some official textbooks are available to be checked out for a resource. Failure to turn the textbook in at the end of the year will result in a fine for the book.

SUPPLIES- For this class you will need: a 3-ring binder or notebook, loose leaf paper, spiral notebook, pencils, erasers, headphones or earbuds for independent learning days, and a calculator (TI30xs models are recommended). You are responsible for figuring out a way to organize your bell ringers, assignments, class work, and notes.

PASSES- You have been given 10 extra credit points at the start of the semester. Each time you need a pass to leave class (restroom, locker, nurse, etc.), it will cost 1 extra credit point. If you must leave the room after you have used your 10 extra credit points, you will receive a teacher detention each day it happens. You must have a pass to leave the room and must sign-out before leaving.

TECHNOLOGY- Cell phones are a frequent distraction for students if they are not being used for learning purposes; therefore, we will not be using personal devices during class. If you feel that you need to use your own device, you must get permission from the teacher and the school-wide BYOT/BYOD policy must be followed. Failure to do so will result in consequences following this policy.

UNITS STUDIED- For units studied, please see the Algebra 2 Curriculum Map.

EXTRA HELP- If you need help, first refer to your **notes** or ask a **classmate**. If that doesn't work, find at least 2 **online resources** that might be useful. Other additional help can be found in the **Peer Tutoring Center** in the Upper Library North. Peer tutoring is an EXCELLENT resource for students. All students that have tried it have given it *amazing* reviews! If you still need assistance, contact **Mrs. Keyes** to set up a time before or after school.

CLASSROOM RULES-

1. **BE THERE.** All students are required to be in the classroom when the bell rings. Any student who enters after this time will be marked "tardy"; consequences will follow the student handbook.
2. **BE PREPARED.** All students are required to bring their required materials to class.
3. **BE RESPECTFUL.** You must respect your teacher, yourself, your classmates, and the property in the classroom and school.
4. **BE SAFE.** There is zero tolerance for emotional or physical bullying in this classroom.
5. **BE ON-TASK.** If you are not on-task, you are not learning; this is unacceptable in the classroom.

EXPECTATIONS- WCHS students will be: critical thinkers, effective communicators, life-long learners, problem solvers, and ethical people.

CONTACT INFORMATION-

E-mail: jkkeyes-lutz@wacohi.net

Website: wchsmathrocks.weebly.com

Phone: 309-444-3167 ext. 1247

Visit your Google Classroom page for assignments, resources, etc.

Classroom code: ys85rrg

Always remember that YOU are a very important part of this class! I know that math is a difficult subject, but it is not impossible! Anyone can learn math, it just takes time, practice, and your best effort. Math is a necessary tool for your future success. It can open many doors to wonderful careers and can also close doors, thus preventing you from reaching your dreams.

I am looking forward to a great year with you! 😊 Print this page, and highlight this sentence for a free homework pass.

Mrs. Keyes