

Algebra 2 Syllabus

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The Course

Students will become talented problem solvers and thinkers after successful completion of Algebra 2. Algebra 2 is both a continuation course of mathematics learned in Algebra 1, and a preparation course for college level mathematics. We will be using the National Common Core State Standards for our study. Units of Study include: Real and Complex Numbers, Quadratic Functions, Polynomial Functions, Rational Functions, Radical Functions, Exponential Functions, Log Functions, Trig Functions, Sequences and Series, and Statistics.

Grading Scale

100-93%	A	82-80	B-	69-67	D+
92-90	A-	79-77	C+	66-63	D
89-87	B+	76-73	C	62-60	D-
86-83	B	72-70	C-	59-0	E

Credit & Power Standards

Credit is based solely on chapter tests, projects, and exams. There are 16 of 21 Common Core Algebra 2 Standards that have been identified as Power Standards. Beyond receiving a letter grade in this course, you are required to earn at least 60% credit in 70% of the Common Core Algebra 2 Power Standards. If only partial credit is earned, you will either need to take a credit recovery course or retake Algebra 2. Individual situations will determine course of action.

Grading

Tests	30-40 points
Quizzes	5-30 points
Homework	3 points
Writing Assignments/Projects	5 - 30 points
Exams	15% of overall term grade

For each chapter you can expect: 1 test, 1-2 quizzes, 8-12 homework assignments, and 1-2 writing assignments or a project. For each term you can expect 2 exams.

Materials

- **Binder or Tabbed Folder:** You will need a 3-ring binder with 5 tabs to neatly organize your work. It is recommended to have a lined paper notebook also.
 - Notes/Assignments
 - Warm-Ups
 - Cheat Sheets
 - Resources
- **Calculator:** All work must be shown to receive full credit – calculators are used for checking your work. It is **highly recommended** you purchase your own TI-83 or TI-84 calculator. You will utilize this for the remainder of your HS courses (mathematics & science) and throughout college. If supplies permit, you will be assigned a TI-73 Graphing Calculator to use during class. These calculators may not be taken home because there are other students who will use them.
- **Pencil:** All assignments must be done in pencil. Do not rely on your teachers to provide you a pencil. Please come to class prepared!
- **Colored Pen:** All assignments will be checked in colored pen/marker/pencil. These will be provided to be used during class. Please do not chew on them or break the caps. You are welcome to bring your own purple (or similar color) pen to class every day.
- **Agenda:** Use your calendar to write down important dates & assignments. This is a uniform way to stay prepared for all classes.

You are expected to bring the textbook, binder or tabbed folder, your Agenda, a notebook, a pencil, and a graphing or scientific calculator to class daily

Passes

Students will each be given 4 passes per term and passes are to be used with discretion and during appropriate class times. Students should ask for permission to use the restroom or go to their locker during individual seatwork time. Emergencies do arise, and will be treated accordingly. Ms. Blemaster retains the right to delay a pass or revoke rights if abused. You must have your agenda in class with you to use a pass.

Warm-Ups

Each student is expected to immediately work on the warm-up) on their warm-up paper after completing all other start of class activities (sharpen pencil, get out homework/check for absent work, and get a calculator). Students are expected to have their individual attempt or work and corrections made in colored ink, if needed. This paper will be turned in at the end of the week and graded based on effort. Warm-ups may be review material, introduction to new material, geometry review, or test prep.

Assignments

Assignments will be graded based on completion, not accuracy. However, attempts that vaguely relate to concepts learned in class do not count toward completion. Homework is practice for successful performance on tests. Late work must be turned in prior to one week late or before the chapter test, whichever occurs first for 75% of the earned credit. Earning late assignment points is far better than earning no points at all – please keep up on your homework! Occasionally students will take a homework check quiz to ensure they are checking and correcting their assignments.

Showing Work

Students must show work as a record of their thought process to receive full credit for any assignment. It is necessary for students to be able to show their sequential steps used to obtain an answer. It is easier to see student misconceptions and wrong doings when work is shown. Also correct work can serve as notes to study from.

Test Retakes

You are eligible to retake any chapter test in which you earned less than 75% credit on the original. Correctives must be completed outside of normal class time prior to the retake. You must notify the teacher of interest in retaking on the day you receive your original test's score. Retakes must be completed within one week of when you receive your test grade. Your final grade will be an average of the original and the retake. Your credit will come from the retake only. Please note grades and credit can decrease if you are not prepared for the retake. You may not retake quizzes unless you have completed the extension before the quiz. Quiz re-works must be made up within 1 week of original quiz date and given a maximum re-work grade of C-. See extension section for more details.

Extensions

Extensions are designed to provide the student with extra practice before taking a graded assessment (quiz or test). They are intended to help the student fix misunderstandings and try additional problems. The student is encouraged to take his/her time and make the most of the extensions. Like all assignments for this class, work must be provided for each extension. Extensions will be posted at least a few days before a graded assessment on the assignments board and a detailed description will be posted on Ms. Blemaster's website.

Personal Technology

Cell phones and tablets may be used occasionally during this class, at Ms. Blemaster's discretion. Social media/personal use is not allowed during class time. Examples of acceptable use include graphing calculator apps, scientific calculator, and other math apps. Bronson Community Schools Wi-Fi will not be available. Classroom activities are not intended for data using apps. Please have a conversation at home regarding how to turn mobile data off and data usage limits. Continue the conversation each month throughout the school year. Activities that require data will be completed on school technology. No personal devices can be used during assessments. If technology has not been approved for use on an activity, then personal devices should not be visible or heard. Personal technology use can be revoked or modified at any time.

Absent Work

If you are absent, then it is your responsibility to get your make-up work. Please check the *Absent Binder* and get the appropriate notes and assignments from the extra copies bin when you return to school. You should also talk to your classmates to see what you missed. You will have the same number of days that you were absent to complete the work.

Remind

Communication is a key to success. If you (student or parent) are interested in receiving text messages or emails about up coming due dates, tests, or quizzes, then sign up for Remind. See attached sheet for directions. Standard text messaging rates do apply.

Help

You need to take responsibility for your own learning. Get help as soon as you begin to struggle, don't wait until the day before the test. Use your academic center time wisely, see me for help before/after school, or lunch time.

Algebra 2

Please read the syllabus, class procedures, rules, and CHAMPs with your child/student. Sign and date below. Then have your child/student return this signature page by Friday (8/25/17). The syllabus, class procedures, rules, and CHAMPS should be kept in the Recourses section of the student's Algebra 2 binder all year. Below your signatures there is space for logins and passwords. Ms. Blemaster will keep this page in a safe place all year, but will be available to the student if needed.

Student Name

Student Signature

Date

Parent or Guardian Signature

Date

Parent/guardian email address (print in CAPITALS)

Network/Computer Username: _____

Password: _____

Google Username: _____

Password: _____

Khan Academy Algebra Username: _____

Password: _____

Other:

_____ Username: _____

Password: _____

_____ Username: _____

Password: _____

_____ Username: _____

Password: _____

_____ Username: _____

Password: _____