

**Casa Grande Union High School
Mathematics Department
Academic Year 2021-22**

Course: ALGEBRA II

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Course Description:

The study of algebraic applications is continued and expanded to include more advanced systems of equations, statistics, simplifying rational expressions, solving and graphing quadratic equations, and using the quadratic formula.

Course Objectives:

- Extend the real number system to the complex number system, representing radicals with rational exponents.
- Solve and interpret solutions to a variety of equations, inequalities, and systems of equations.
- Demonstrate competency graphing and interpreting functions extending from linear, quadratic, and exponential with integer exponents to polynomial, radical, rational, exponential with real exponents, logarithmic, trigonometric functions, and piece-wise defined functions.
- Extend simple and compound probability calculations to conditional probability.

Learning Materials: Students are expected to use their laptop (and charger), notebook (physical and online), and writing materials. Handheld graphing calculator or Desmos (Graphing) is highly recommended.

Learning Resources:

- **Pearson Realize** - accessed through PowerSchool. Available for all student enrolled in all levels of Algebra I. Geometry and Algebra II. Contains student textbook, PowerPoints, videos, and other additional resources.
- **MathXL** - Accessed through PowerSchool. Available for all student enrolled in all levels of Algebra I. Geometry and Algebra II. Contains homework help, videos, and additional resources.
- **OneNote Class Notebook** – lecture materials are uploaded in each class' page.
- **Teacher Website (<https://themathgiciansnook.godaddysites.com>)** – created as a resource for both students and parents which includes policies, notes, resources, FAQs, and more
- **<https://www.khanacademy.org>** - Khan Academy is a non-profit educational organization created in 2006 by educator Salman Khan to provide "a free, world-class education for anyone, anywhere". The organization produces micro lectures in the form of YouTube videos.
- **<http://www.virtualnerd.com/>** - Pearson's online video library of lessons covering Middle Grades Math through Algebra II. Topics from ACT and SAT are also covered.

Grading Policies

Semester 1		Quarter Breakdown	
Quarter 1	40%	Common Assessment	50%
Quarter 2	40%	Quiz	25%
Final Exam	20%	Extended Learning (homework, classwork, project, etc)	25%

* Official grades are only posted in PowerSchool. Grades posted on any other system are for progress advisory only and are NOT official.

In-Person Classroom Policies and Procedures:

- ◆ Be on your assigned seat and ready to work when the bell rings.
- ◆ Always bring the required materials for the class.
- ◆ Respect everyone and everything in the classroom. Vandalizing is strictly prohibited.
- ◆ Profanity will not be tolerated.
- ◆ Food and drinks are prohibited inside the classroom. Chewing gum in class is highly discouraged as well.

Homework: Classwork and assignments will be given daily. It is the responsibility of the student to submit work on time. Students may be required to show their work on paper with all the steps done.

Late Work Policy: Late work will be accepted but the credit earned will be reduced (25% penalty from final score on questions scored after due date). Students are also responsible of informing the teacher through email regarding late or missing homework done for grading.

Testing Protocols

- Students are responsible for making sure their device is charged, connected to the internet, and working during test time. Students will not be guaranteed extra time for testing.
- Cell phones must be placed in students bags away from their desk in the room.
- Students may use Desmos or another calculator on their computer while testing. (personal handheld calculators are still allowed)
- Students may use resources, notes, or formulas as approved by the Algebra II Teachers Team
- Test taken in one sitting - students may not return later to finish the test. Be sure you have enough time set aside before starting the test. (Students with an IEP or 504 that states otherwise are an exception)
- Students with a scheduled excused absence (including extracurricular) that requires early dismissal must NOT begin a test. If a student has a planned absence, they must notify their teacher prior to testing and make arrangements to test in a single session within one week of the original test date.
- If a student is caught with a non-approved device during a common assessment the teacher will confiscate the device, write a referral stating it was during a common assessment and turn the device into the office. Student will receive a zero on the test and will not be allowed to retake the assessment.
- When a student completes their assessment, they are expected to close their device. They may sit and read the book or work on another assignment. They may not return to their bag to retrieve things.

Absent Testing Policy: Students absent on test days is responsible to take the missed test within one week of the original test date. Student must submit the Test Schedule Form to indicate the intended date of makeup. A zero will be recorded in the gradebook if the student failed to make up the test within the allotted time.

Test/Quiz Retake Policies

- Students are allowed one retake for each quiz or test.
- Students are required to submit the Test Schedule Form to indicate the quiz/test they would like to retake and the intended date of retake
- Retakes must be taken outside of class time (typically before school or during school tutoring time). Just like the regular testing time, you are given an hour to finish the test. Failure to arrive on time will not guarantee extra time for testing.
- The final dates for test retakes will be the first Friday of December for Semester 1, and the first Friday of May for Semester 2.

For students **to retake chapter tests**, they must:

- Student MUST ANSWER ALL QUESTIONS on the retake review on MathXL. Student must have a **minimum score of 80% on the retake review** to qualify retake the test. This score must be attained at least a day before the scheduled test retake.
- Highest grade possible on a retake test is 100%.
- Retakes are not allowed on the final exam or on exams that received a zero for academic misconduct.

For students **to retake a quiz**, they must:

- Student must **work on the Study Plan** and **complete the master points** required for the sections covered in the quiz to qualify for the quiz retake. This must be attained at least a day before the scheduled quiz retake.
- Highest grade possible on a retake quiz is 100%.

Common Syllabus Statement

The CGUHSD mathematics department understands the importance of preparing students for the future. We are dedicated to helping your child succeed. For this to happen, students may need to obtain help outside of the classroom if they begin to struggle. Tutoring is available for free on campus before and after school. If you find that you are starting to struggle talk with your math teacher for additional help and resources.

Academic Misconduct:

You are expected to do your own work on all assignments including quizzes and tests. Failure to do so will result in a grade of zero and possible disciplinary action.

Retakes are not allowed on any assignment, quiz, or test that received a zero for academic misconduct.

Plagiarism

Plagiarism is defined as presenting the work of another as one's own. More than four consecutive words from a source other than the writer constitute plagiarism when the source is not clearly identified in appropriate documentation format.

Plagiarism includes, but is not limited to, the use of paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgement. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

“CELL PHONE DAY CARE” POLICY

Cell Phones have been the most common distraction that students have during their learning time. This policy is to be implemented to (a) get students become more engaged and responsible in their own learning; (b) help students to learn how to control their own behaviors especially the dependence on cell phones; and (c) teach the students to use technology at appropriate times.

Upon entering the classroom, students have two options: put their phones (and earphones) in their bags or deposit them in the “Cell Phone Day Care.” Students must clearly understand that whichever option they choose, their cell phone stays there during the whole class period, or when the teacher permits them to get and use those phones.

For Phones Kept in Bags

If the student is the type of person who knows he/she can resist the urge to look at or use their phones, this option is great for them. However, if they decide to keep their phones in their bags but the teacher sees them using it any time during the class period, they will be given the first warning and will be asked to put their phones back in their bag. If they are caught the second time, those students will be required to put their phones in the “Cell Phone Day Care”.

For Phones in “Cell Phone Day Care”

If the student is the type of person who is always tempted to check on their phone, this is the best option for them. Below are the procedures on using the “Cell Phone Day Care.”

- 1) The student will get the laminated card from the pocket they would like to use, then “deposit” their phone in that pocket. Using a washable marker, the student must write their name on the laminated card and give it to the teacher.
- 2) The student must make sure that their phone is either off or on silent mode.
- 3) The student may use the “Cell Phone Day Care” to charge their phone as nearby power strips are made available for them. However, they must make sure they bring and use their own charging cord.
- 4) Before the class period ends (or when the teacher permits), the students will be prompted to collect their phones from the “Cell Phone Day Care.” To do this, the students must claim the laminated card (from the teacher), wipe off their name, pick up their phone and return the laminated card to the pocket they used.

As part of positive reinforcement, extra credit points will be awarded to students who have faithfully abided to this policy at the end of each week. Extra credit could be a homework pass, missed quiz pass, nap time, snack/drink pass, etc.

