

# *Algebra 2 Syllabus 20-21 School Year*

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**Department Objective:** To provide all students with knowledge, concepts, and skills to manipulate expressions, solve equations, critically think about real world applications and apply the topics learned to multiple scenarios.

**Resources:** The math department will provide students with access to the McGraw-Hill Textbook as well as custom-made materials constructed to best educate all the students. Homework will be assigned via ALEKS.

**Technology:** In addition to using the online McGraw-Hill textbook, the algebra 2 team will be using different technologies to help monitor and improve student learning. The Google Site, Google Classroom, EdPuzzle, Desmos, and other resources will be critical in maximizing the potential in each student.

**Grading Scale:** 100-90 **A**, 89-80 **B**, 79-70 **C**, 69-60 **CR**, 59 and below **NC**

**Grading Computation:** 30% of the student's grade will be formative assignments. Formative assignments are daily class activities and homework assignments geared to best understand where the student is at that time and what needs to be improved upon. 70% of the student's grade will be summative assignments. Summative can be quizzes, tests, projects and other larger assessments.

**Topics:** Quarter 1- Linear functions and solving, expanding, and simplifying functions related to linear functions. Quarter 2- Solving systems of equations and solving equations with radicals. Quarter 3 - Manipulating both Quadratic and exponential functions. Quarter 4 - Manipulating both exponential and logarithmic functions.

**Expectations:** Be respectful towards everyone in class by **BUILD**ing strong relationships, have an open mindset about learning in this new environment, be

present in class and communicate with the teacher and/or class if anyone has questions.