**Algebra 2**

**2024-2025**

**Mrs. Barmore**

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**Algebra 2 Course Overview –** Algebra 2 focuses on graphing, transforming, and interpreting functions. The functions studied are linear, quadratic, polynomial, radical, exponential, rational, and trigonometric functions.

**Grading Policy**

Quarter grades:

* 10% Homework, Bellringers, Checkpoint/Quizzes, and all other in class work.
* 90% Tests

**Grading Scale**

A 90 - 100%

B 80 - 89%

C 70 - 79%

D 60 – 69%

F 0 – 59%

**Homework**

Homework is given on a regular basis and is an important part of this course. Late assignments will be accepted for half credit, if turned in by the end of the current chapter. The last day to turn in any work from a chapter is the day of the test.

**Specifics**

* Students may retake any chapter test for full credit one time. All homework assignments for the unit must be turned in before a test retake. Preparedness for the second, more rigorous, assessment will be at the teacher’s discretion and may include additional practice session(s) outside of class time. Re-takes must be taken outside of class and scheduled with the teacher and completed before the end of the semester. Re-take scores will replace the original score.
* Notes are a required part of this class. You should have a section in your notebook for notes and a section for homework.
* I am available for help before zero period, first period, and after sixth period.
* Bring your book, pencil, and calculator every day to class.

**The following topics will be covered throughout the year.**

* Linear Functions
* Quadratic Functions
* Quadratic Equations and Complex Numbers
* Polynomial Functions
* Rational exponents and Rational Functions
* Exponential and Logarithmic Functions
* Rational Functions
* Trigonometric Functions
* Data Analysis and Statistics

Big Ideas Math Algebra 2 will be used throughout this course. Supplemental materials will also be used to reinforce student learning. A graphing calculator (TI-83 or TI-84) is required for Algebra 2.