



Common Core High School Math 3 Advanced A&B

Mrs. Biggs

Course Overview

Common Core Math 3 students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

Class Materials

Scientific Calculator (with graphing capability)

Math Notebook (a composition graphing notebook will be provided but students are welcome to use their own as well)

Pencils

Erasers

Grading Policy

Grade will be divided into the following categories over the course of each semester:

- * Class Participation 10%
- * Homework 25%
- * Quizzes/Projects 30%
- * Tests/Final 35%

Grading Scale

A	90 to 100
B	80 to 89
C	70 to 79
NC	0 to 69

Late Work

Students may receive no more than 70% for any late assignment. Any missing or late assignment may be submitted up to two school days after the assignment is marked missing in PowerSchool. Exceptions to this policy may be requested by the student in writing or email. The instructor will make the final determination on extension requests and will inform the student of the decision in writing or email.

Redo

If a student receives below a 70% on an assignment, quiz, or test a student may redo that assignment for a grade up to 70%. **All redo work must be submitted within a week of the original due date.**

Course Units Semester 1

Geometric Modeling

Linear and Quadratic Functions

Polynomial Functions

Rational Exponents and Radical functions

Course Units Semester 2

Exponential and Logarithmic Functions

Rational Functions

Sequences and Series

Trigonometric Ratios and Functions

Trigonometric Identities and Formulas (time permitting)