



Meridian Technical Charter High School  
3800 N. Locust Grove  
Meridian, ID 83646  
Phone: (208) 288-2928  
Fax: (208) 288-5685  
[www.mtchs.org](http://www.mtchs.org)

## Common Core Math 2 A&B

Mrs. Biggs

### Course Overview

The major purpose of Math II is to extend the mathematics that students learned in Math I, including working with quadratic, absolute value, and other functions. Students will explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles and three-dimensional figures. The Mathematical Practice Standards apply throughout each course and, together with the content standards, create mathematical learning experiences based upon reasoning and sense-making, building perseverance and problem-solving skills, and rich in mathematical discourse.

### 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

Functions and Exponents  
Polynomial Equations and Factoring  
Graphing Quadratic Equations  
Solving Quadratic Equations  
Probability

### Course Units Semester 2

Quadrilaterals and other Polygons  
Similarity  
Right Triangles and Trigonometry  
Circles  
Circumference, Area, and Volume