

# Mathematics II

Mrs. Best – Room 224

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Welcome to Mathematics II! I am very excited for this school year. I hope you are as well. Math II is second in a series of integrated mathematics. Math II provides students with more in-depth knowledge of algebra, as well as geometry topics. Students will also extend their knowledge of various functions and probability. Applications and modeling will be included throughout the course of study. Appropriate technology from manipulatives to calculators and applications software, will be used regularly for instruction and assessment.

## Syllabus

<b>Unit 1: Transformations</b>	<b>Unit 4: Similarity &amp; Congruence</b>
<b>Unit 2: Quadratics</b>	<b>Unit 5: Trigonometry</b>
<b>Unit 3: Square Roots and Inverses</b>	<b>Unit 6: Probability</b>

## Rules

1. Stay positive. (No horse playing, negative comments or jokes.)
2. Stay busy. (Come to class on time. Work begins when you enter the classroom not when the tardy bell rings. Work ends when I dismiss you.)
3. Stay humble. (Raise your hand to ask permission.)
4. Stay clean. (Keep the aisles clear. Do not write on desks. Put trash and recyclables in their correct container.)
5. Stay focused. (Follow directions the first times they're give. No phones unless instructed otherwise. Maintain academic integrity, no cheating.)

## Discipline Plan

My discipline plan will follow the "6 Expectations of Reid Ross Classical School". They generally consist of the following:

- 1<sup>st</sup> time...warning/conference with student.
- 2<sup>nd</sup> time...contact parent.
- 3<sup>rd</sup> time...contact parent and lunch detention.

- 4<sup>th</sup> time...contact parent and after school detention.
- 5<sup>th</sup> time...inform parent of referral to administration.

<b>Materials Required</b>			
3 Ring Binder 4 Dividers Loose-leaf and Graph paper Pencils		Personal Device* <i>*Your device is to be used for educational purposes only and at designated times. Any other use is grounds for collection of device.</i>	
Colored Pencils** Markers** <i>**These items are only required if you do not want to use the class set.</i>		TI-84 Plus (provided in class)	
<b>Grading Policy</b>		<b>Final Grade Policy</b>	
Homework/Classwork	30%	Midterm Average	40%
Quizzes	30%	Second Term Average	40%
Tests	40%	Final Exam	20%

***Tutoring is available Tuesday and Thursday 7:40 – 8:10 am or after school by appointment.***

**Make-up work:** It is the student’s responsibility to get work and notes missed due to an excused absence. Excused absences include doctor’s appointments (must turn in a doctor’s note), school approved field trips, or funeral. If a student plans to be absent for any other reason, they need to arrange to get their work ahead of time so that they can turn it in the day they return. Assignments and notes will be posted on Google Classroom. Any handouts will be located in the student’s class folder. Students have 3 school days to turn in make-up work.

**Class Points:** Class points will be recorded in Class Dojo. Together the students will set goals and rewards for the points. Points are based on student behavior, participation, and adherence to class policy.

*Students, be responsible for your own learning. Attendance, class participation, completion of assignments and daily study is a must. I am here to help. Please do not hesitate to contact me at any time. Please sign below to indicate your understanding of all above mentioned rules, policies, and procedures.*

Student Signature \_\_\_\_\_