

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

First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Rational and Irrational Numbers	Powers, Roots, and Radicals	Lines and Angles Triangle Theorems	Introduction to Probability
Operations with Polynomials	Function Operations		Review NC Final Exam
Linear Functions	Square Root and Cube Root Functions	Triangle Congruence Coordinate Geometry	
Quadratic Functions	Radical Equations Direct, Inverse, and Joint Variation Rational Equations Linear/Non-Linear Systems	Transformations Similar Figures (Dilations) Right Triangles	

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:

- 1st time...warning/conference with student.
- 2nd time...contact parent.
- 3rd time...contact parent and lunch detention.
- 4th time...contact parent and after school detention.
- 5th time...inform parent of referral to administration.

There will be at least two tests, and four quizzes per quarter.

Tutoring is available Tuesday and Thursday 7:30 – 8:15 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.

Please encourage your students to be responsible for his/her 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 and support of the classroom system.

Student Signature _____

Parent/Guardian Signature: _____

Parent/Guardian Phone Number & Email: _____