

Mathematics 2

Mr. Race – Room 12
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Welcome to Mathematics 2! I am very excited for this school year. I hope you are as well. Math 2 provides students the opportunity to continue a progression of the standards established in NC Math I. In addition, there is a focus on quadratic, square root, and inverse variation functions. NC Math II includes; congruence and similarity of figures, right triangle trigonometry, modeling with geometry, probability, and justifying conclusions.

Syllabus

First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Pre-Assessment	Linear Modeling	Exponential Modeling	Comparing Linear, Quadratic, and Exponential Functions
Solving Linear Equations and Inequalities	Linear Systems	Operating with Polynomials	Descriptive Statistics
Linear Functions	Properties of Exponents	Quadratic Factoring and Solving	Review NC Final Exam
Linear Geometry	Radical Equations	Quadratic Graphing	
	Exponential Functions		
	Graphing Exponential Functions		

Classroom 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. Remove your hat in the school building.)
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 time they are given. No phones unless instructed otherwise. Maintain academic integrity, no cheating.)

Discipline Plan

- 1st offense - Conference with student/Document incident
- 2nd offense - Contact parent/Document incident
- 3rd offense - Contact parent/Document incident/After school detention.
- 4th offense - Contact parent regarding referral to administration/Document as office referral.
- **Severe infraction** – immediate office referral

Personal Electronic Devices

Personal electronic devices are to be used for educational purposes only and at designated times. Any other use is grounds for collection of device. Students may not charge their devices in the classroom.

Required Materials

Multi-subject Spiral Notebook or 3 Ring Binder with Loose-leaf paper
Pencils with erasers
Red pens

Grading policy

Homework/Daily Work	30%
Quizzes	30%
Tests	40%

Daily Work (Homework) Grades

The teacher will inspect homework at the beginning of class. Points will be awarded as follows: minus one point or two if incomplete and minus one point if students did not **show work**. Work must be completed on time, minus one point if the work is late. Homework/Daily Work is worth a total of 4 points. Homework grades will be recorded on a 100 point scale; for example, minus 1 point equals 25 points resulting in a grade of 75 points out of 100. After grades are recorded, the teacher will present the homework answers so that students may grade their own work for accuracy. Students should be careful to note and correct any mistakes and ask questions as the need arises.

Bell Work

Students will be required to complete a bell work assignment while the teacher inspects homework. Bell work assignments will be kept in the student's notebook and will be included in the notebook grade. Students should keep their bell work in a separate section in their notebook and date each bell work assignment accordingly.

Notebook

Notebooks will be graded each quarter. The grades will be recorded as a test grade for the Semester. Each quarter will count as 50 points towards the notebook grade. It is each student's responsibility to take their own notes. If a student is absent you will need to see Mr. Race for a make-up note assignment. Students will record the date that notes are taken on each notebook page. Missing dates will count against the student's notebook grade.

Tutoring

Tutoring is available 7:45 to 8:15 A.M. and 3:30 – 4:00 P.M each school day except Friday.

Make-up work

It is the student's responsibility to get work and notes missed due to an absence. If possible, the student must arrange to get work ahead of time so that it can be turned in on the day of return to school. Students should look-up missed assignments in PowerSchool. Remember that late work includes a loss of 25 percentage points.

Quizzes

Quizzes will be given once or twice per week. It is up to the student to stay current with homework in order to master the quiz materials. Make-up quizzes are the student's responsibility and will be given during tutoring either before or after school.

Tests

Tests are given for each unit and account for 40% of the student's overall grade. Make-up tests are the student's responsibility and will be given during tutoring either before or after school.

Please encourage your student 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: _____