

# Mathematics I

Mr. Race – Room 12

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Welcome to Mathematics I! I am very excited for this school year. I hope you are as well. Math I provides students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data.

## 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. Follow procedures. (Procedures will be demonstrated as the need arises.)
2. Stay positive. (No horse playing, negative comments or jokes.)
3. 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.)
4. Stay humble. (Raise your hand to ask permission. Stay quiet while others are talking. Remove your hat in the school building.)
5. Stay clean. (Keep the aisles clear. Do not write on desks. Put trash and recyclables in their correct container.)
6. Stay focused. (Follow directions the first time they are given. No phones unless instructed otherwise. Maintain academic integrity, no cheating.)

## Discipline Plan

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

**Personal Electronic Devices**

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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**

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Multi-subject Spiral Notebook  
Pencils with erasers  
Red pens  
TI-84 Plus Calculator (provided in class)

**Grading policy**

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

**Class Points**

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Class points will be recorded in Power School. Please check your grades in Power School.

**Tutoring**

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Tutoring is available 7:30 to 8:15 Monday and Tuesday Mornings in Room #12.

**Make-up work**

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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.

*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: \_\_\_\_\_