

HIGH EXPECTATIONS ARE THE FOUNDATION OF OUR SUCCESS!

## Mathematics I

Mrs. Howard – Room 15 [sharonhoward@ccs.k12.nc.us](mailto:sharonhoward@ccs.k12.nc.us) Planning: 3<sup>rd</sup> from 11:42 to 1:54  
Tutoring: Mon – Wed 7:30am – 8:15am  
Tue and Thurs 3:30pm – 4:30pm  
School phone number: (910) 484-1151  
Please join Google Classroom(codes attached)

Welcome to Math 1! This course will provide students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics and modeling. The focus in Math 1 is on linear, exponential and quadratic functions. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties, interpreting categorical and quantitative data. The Math 1 course reflects the belief that Terry Sanford High School educational community fosters academic excellence and responsible citizenship in a positive, safe and respectful environment.

### Pacing Guide

First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>Solving Linear Equations and Inequalities</b>	<b>Linear Modeling</b>	<b>Exponential Modeling</b>	<b>Comparing Linear, Quadratic, and Exponential Functions</b>
<b>Linear Functions</b>	<b>Linear Systems</b>	<b>Operations with Polynomials</b>	<b>Descriptive Statistics</b>
<b>Linear Geometry</b>	<b>Properties of Exponents</b>	<b>Quadratic Factoring and Solving</b>	<b>Review for NC EOC Exam</b>
	<b>Exponential Functions</b>	<b>Quadratic Graphing</b>	
	<b>Graph Exponential Functions</b>		

### Math 1 students are expected to:

- Read mathematics problems actively and critically
- Present solutions to problems effectively
- Use a variety of appropriate resources including the computer and calculator to solve mathematical problems
- Demonstrate a knowledge of how mathematics can be used outside the classroom
- Meet all of the course objectives outlined in the pacing guide

### 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 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 rules of FTS. 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...office referral

<b>Materials Required</b>		<b>Suggested Materials</b>	
3 Ring Binder or Spiral Notebook		Composition Book	
Loose-leaf paper		Graphing calculator for use at home	
Pencil			
<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%

**Make-up work:** It is the student's responsibility to get work and class 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 the student returns to school.

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

Parent/Guardian email: \_\_\_\_\_