Math 1 Syllabus for 2019-2020

# Mr. SanGeorge

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.

Course Units

Module 1 – Sequences Module 2 - Linear and Exponential Functions

Module 3 - Features of Functions Module 4 - Equations and Inequalities

Module 5 - Systems of Equations and Inequalities Module 6 - Quadratic Functions

Module 7 - Structures of Quadratics Module 8 - Connecting Algebra and Geometry

Module 9 - Modeling Data

Grade Distribution

Students will receive an overall grade in Honors Math I based on the following scale:

Major Assignments............. 80%

Minor Assignments ............ 20%

Total ..................................100%

Test Day

Test Day will be on Thursdays but there may be tests that fall on a different day. If so, plenty of notice will be given.

Math I Supplies

To do math, a writing utensil is required!! Students will be provided a graphing composition notebook where notes will be taken throughout the year. However, it is recommended that students have loose leaf notebook paper each day. A graphing calculator (TI-83 or higher) is very helpful.

Homework Policy

Students will be expected to complete homework each and every night that is assigned. Every assignment will be checked the following class period based on effort and completion. The number and length of assignments may vary from week to week depending on the topic.

Make-Up Work Policy

Students who are present in class will be expected to turn in all assignments on time. In the case of an absence from class, students will be allowed three (3) school days to make-up and turn in missed assignments. Any quiz missed due to an absence must be made up before the current unit test. Any test missed due to an absence must be made up before the next unit test.

Restroom Policy

Students will be allowed to leave class one-by-one for the restroom during individual practice time only and at the teacher's discretion. Student will be required to sign-out before leaving, carry the hall pass while they are gone, and sign-in when they return to class. Students may NOT leave class during tests and/or quizzes. (Note: a test and/or quiz is not considered complete until the entire class has finished and turned it in.)

Food and Drink Policy

Students will not be allowed to have food or drink in the classroom except for bottled water. If a student does need a snack during the day, it is most appropriate for that to be handled during schedule class changes.

Classroom Behavior Consequences

Students considered to be disruptive during class will be disciplined in a manner consistent with that of School Policy. In rare cases, abnormally disruptive circumstances may require that a student(s) leave the classroom and report to SI.

Grading Scale

North Carolina has adopted the 10 point scale which is as follows:

A ................... 90 – 100 D ................... 60 - 69

B ................... 80 – 89 F .................... below a 60

C ................... 70 - 79

Tardy Policy

Students will be considered tardy if they are not completely inside the classroom at the end of the bell. It is acceptable for students to be out of their seats as long as they are in the process of preparing for class. Students who receive one or more tardies will be issued the following consequences:

1st offense - Warning

2nd offense - Warning and call home

3rd offense - Call home with after-school detention (4:00-4:45)

4th offense - Administrative Referral

Electronic Policy

Students considered to be in violation of the electronic policy will be issued one warning before being asked to leave the classroom and report to SI. Administration will handle any and all disciplinary action that may result. In addition, students will not be allowed to charge their electronic devices in the classroom. (Note: charging stations are available in the cafeteria during lunch.)

Math Vision Project

This year Math 1 will be using The Mathematics Vision Project (MVP) as our method of instruction. MVP is an integrated, task-based method of instruction, similar to the Open UP curriculum that was used by 8th grade math in the 2018-19 school year. The MVP program has been rewritten specifically for the NC Standard Course of Study. Within the classroom, your student will be guided through instruction in a variety of methods, often initially involving small-group or student-centered discussion.

Each student will have a student workbook for the tasks and assignments. They will also be asked to keep a notebook with all their work for each task contained in it.

Corresponding with each task, there will be assignments titled READY, SET, GO!

• READY = a check for prerequisite skills necessary for each task.

• SET is designed to reinforce the current lesson.

• GO is to practice previously learned skills, ensuring students maintain the knowledge they have gained.

As Math 1 this year will be in-class task based, attendance will be of the utmost importance. If a student misses a class, he/she will miss vital acquisition of concepts. While we understand it is sometimes necessary to miss class, it is imperative that absences be kept to a minimum.

MVP Tasks

DEVELOP UNDERSTANDING tasks surface student thinking

SOLIDIFY UNDERSTANDING tasks examine and extend student thinking

PRACTICE UNDERSTANDING tasks build fluency