



7-2/8-2 Falcons



Syllabus: Math 1

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Learning mathematics is a lot like learning to ride a bike. You can't do it by watching someone else. You must hop on your bike, get ready, set, and go!

MVP (Math Vision Project) is the curriculum Wake County has adopted for Math I beginning 2017-2018.

The **MVP** way of learning mathematics requires much of you, the student. The **classroom experience** has been carefully orchestrated to help you make sense of the mathematics that is being developed and connect it to prior learning. Each student must come to class prepared to participate fully in the experience. He or she must learn to listen to the thinking of the other classmates as well as be willing to voice one's own understandings and ways of seeing the mathematics unfold. Regular attendance is imperative because what happens daily in the classroom cannot be replicated at home or by reading the textbook.

The **Ready, Set, Go!** homework assignments have been correlated to the daily **classroom experience** and should be completed each day that they are assigned, so that you are prepared (**Ready**) for the next lesson. The homework is organized into three parts. The **Ready** section is to help you get **Ready** to learn. The **Set** section is for practicing the skills that are being developed in the current lessons. As you practice, your new mathematical skills become more **Set** or fluent. The last section of homework, called **Go!**, is to help you remember the skills and procedures that you have learned previously. As you mature mathematically, there are many math problems that you should be able to do whenever you encounter them. The procedures for solving them become automatic. When you see these problems, you should be able to take off and **Go!** with them.

MVP has their own resource videos. Wake County is in the process of acquiring & providing access to these videos for our students. [Access videos here](#). I believe that once we are given full access, students will find it via their Canvas accounts. I will update this site once that occurs. If there are areas in the **Ready, Set, Go!** assignments, where you feel uncertain and you need guidance, you can access help videos that directly correlate with the assignment on rsgsupport.org. There is also a resource book available for purchase (\$45) to help students/parents with the Ready, Set, Go homework assignments. [Secondary Math I: Help, Hints & Explanations](#) This can be purchased on the MVP website.

One of the skills that a student doesn't usually associate with learning mathematics is **listening**. Most students know they should listen to the teacher, but often they don't realize that they can learn the most by listening to their classmates, when they are sharing how they think about the mathematics they are doing. In the **classroom experience**, listening is a practice of learning. When you are listening to your classmates or your teacher, you should do the following:

1. Write down key ideas and strategies that you see other students using.
2. Ask questions of your classmates or the teacher to make sure that you understand the conversations about the mathematics.
3. Add your own ideas to the ideas of others.
4. Try to restate what you hear others saying. Ask, "Is this what you mean?"
5. Be flexible and understand that there are many ways to think about a math problem. You and your classmates might think differently and both be right.

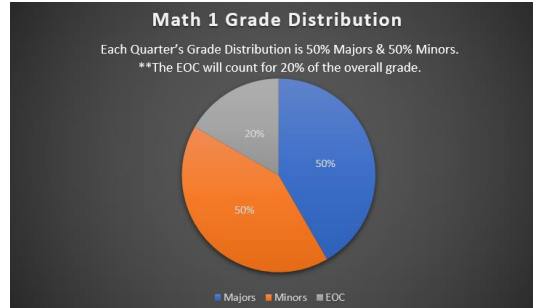
Content:

Math 1 will build on your understanding from last year across multiple areas and prepare you for Math 2. There are several new concepts this year that you'll learn about. Below is an outline of the major topics (8 modules) you'll learn this year:

- Introduction to the Materials
- Module 1: Sequences
- Module 2: Linear & Exponential Functions
- Module 3: Features of Functions
- Module 4: Equations & Inequalities
- Module 5: Systems of Equations & Inequalities
- Module 6: Quadratic Functions
- Module 7: Connecting Algebra & Geometry
- Module 8: Modeling Data

Grading Policies and Procedures:

Math 1 is a High School level course and will count as your 1st HS math credit. Providing you complete the course with a passing grade, the course will show up on your HS transcript but the grade will not factor into your HS GPA. Your grade, at Pine Hollow, for Math 1 is based on the following:



- End of Course Exam (EOC)
- Major Assessments (Tests, Performance Assessment Tasks)
- Minor Assessments (Quizzes, Quick Checks, Exit Tickets)
- Although I will not be grading HW, I will be randomly checking for completion. HW completion and aligned video viewing are essential to the success of this course.
- You may retake a test (Major) if you do poorly on it, but you **MUST** remediate and have no missing assignments during that Unit/Module. All retakes will take place on (designated) Wednesday's after school. More information on this will be provided later in the year.

Expectations:

I have high expectations for my students, and I will hold you to them. The major ones include:

- Come to class prepared, with your math binder, pencil, and agenda.
- Have your homework, pencil and warm-up composition book out on your desk when class begins.
- Ask questions when you don't understand. I **CANNOT** help you if you don't advocate for yourself. If you are concerned about what others may say if you ask a question, don't. I do not tolerate that sort of foolishness.
- Do the best you can each day.
- **ALWAYS SHOW YOUR WORK.**
- Check google classroom daily for homework assignments. If you are absent, this is the major communication tool you can use to know what we're doing in class. It is **YOUR** responsibility to see what you missed and show me work that was due when you were out. I will **NOT** approach you for either.
- Use the Remind app. To sign up for Math 1, text @phmath1 to 91010. You and your parents should sign up individually. You can sign up to receive text messages or emails.

Please read over this syllabus with your family. You and an adult from your family needs to sign the accompanying page and return it to me as soon as possible.

Angela King

Math 1 Period: _____

Please print the names below:

- Student name: _____
- Adult's name: _____

I understand the syllabus and the expectations set forth in it. I agree to do the best I can throughout the year and will ask questions when I don't understand.

- Student's signature: _____
- Adult's signature: _____
- email address(s) for adult for class communication:
