

Ms. Jennifer Mackey

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**Math 2**

Math 2 will be taught using materials from the Mathematics Vision Project (MVP), as a continuation of the work started in Math 1. MVP is an open-source high school mathematics curriculum written by and for teachers. MVP was created to address the mathematical shifts of Focus, Coherence, and Rigor, as well as address the future needs of students competing in a global community.

**Quarter Grades:**

Practice Assignments\* 15%

Quizzes 25%

Tests \*\* 60%

\*Student classwork and homework will be checked periodically. Each unit will reflect one HW average, one CW average, and one Warm-up average.

\*\*Test grades will consist of performance assessments and traditional tests.

**Semester Grades:**

1st Quarter 40%

2nd Quarter 40%

Final Exam 20%

**Math 2 Units of Instruction:**

1: Transformations and Symmetry

3: Quadratic Functions

4: Structure of Expressions

5: Solving Quadratics and Other Equations

6: Square Root and Inverse Variation

2: Congruence, Constructions and Proof

7: Geometric Figures

8: Similarity and Right Triangle Trigonometry

9: Probability

**What you’ll need for class:**

Folder or binder notebook

Loose-leaf paper

pencils with erasers

Colored Pencils/Highlighters

Compass

graph paper

Graphing Calculator

If you are purchasing a calculator, I recommend a TI-84 Plus. This will be used throughout all high school math courses, Chemistry and Physics.

**What About Homework?**

Homework will be assigned every day. It is not given without thought and you are expected to do it daily. Students who do not practice the skills taught will have a difficult time doing well in this class. Students will NEED to watch HW help videos to review HW topics.

Homework is checked based on whether or not it was attempted and that it contains student’s own individual work and reasoning.

One Homework grade will be entered at the end of the unit. Students will be allowed to continue working on their daily homework assignments until the end of the unit. All assignments should be completed by the day of the test.



Extra help is available!

I am here most afternoons and B-lunch for help;

No one is available Monday afternoons

Ms. Camut in Room 613 is available on Wednesdays 2:30 – 3:30

Ms. Carroll in Room 417 is available on Wednesdays 2:30 – 3:30

Ms. Bryant in Room 614 is available on Thursdays 2:30 – 3:30

Friday is Ms. Mackey’s official tutoring day 2:30 – 3:30

**The Importance of Being Here**!

Because daily lessons are done in groups, attendance is absolutely essential in this course. The topics in this course build on each previous day, therefore making it very important that you be present in class. In the event that you are absent, ALL work must be made-up. If you know in advance of your absence, please get your assignments and notes in advance. Students who are absent on the day of an assessment will be given the assessment during class the next day they are present. Only those students who miss multiple classes will be allowed to schedule a makeup test.

**What Is Expected:**

**Be respectful** of your fellow students, the teacher, and yourself. This means staying alert and awake during class. Our classroom is a place where students should feel comfortable expressing their thoughts and asking questions.

**Have integrity.** Do your best every day and do your own work. Cheating will not be tolerated.

**Be prepared**. Come to class on time and prepared, with an attitude for learning and with all your materials ready.

**Be prompt.** Please be in your seat when the bell rings with homework, notes, and sharpened pencil on your desk. You are tardy if you are not in the classroom when the bell rings.

**Be positive.** Expect success! With a teachable attitude, daily class work and careful review, you will succeed. Believe you can do it and you will! Work hard and you can accomplish anything!

**Be responsible**. Let me know when you are starting to have trouble. Come in for extra help. Make up work from absences in a timely fashion. Keep up with materials in your workbook.

**Stow your cell phone** at the beginning of each period – cell phones are a major distraction to the work we need to do.

**How to Get Some Help on Daily Lessons:**

**For each Math 2 Unit, the WCPSS Canvas site includes:**

* A link to each task that is done in class;
* A link to the “Ready, Set, Go! Homework” assignments
* A video to assist in completing the homework assignment appropriately

**The “Ready, Set, Go!” homework assignments have been correlated to the daily classroom experience. The homework is organized into three parts:**

* The “Ready” section helps the student get ready for the upcoming work and prepare to learn new material.
* The “Set” section is for practicing the skills that are being developed in the current lessons.  As students practice, the new mathematical skills become more set or fluent.
* The last section of homework, called “Go!”, is to help students remember the skills and procedures that they have learned previously.  As students mature mathematically, there are many math problems they should be able to do whenever they encounter them.

**How to get to those Math 2 MVP Homework Help Videos!?!?**

* Go to **wakeid.wcpss.net**
* Log in with your WCPSS ID.
* Choose the **“Canvas”** Button
* Choose the course called **“NC Math 2”**
* Choose whichever Unit we are currently working on
* Choose whichever task’s videos you need help with!

**How to Sign Up for Remind:**

Remind is a private mobile messaging platform I will use to communicate with the class. To join, text **@Mackey2spr** to the number 81010. You’ll receive a welcome text from Remind.