

# Math 2



Ms. Jennifer Mackey

[jmackey@wcpss.net](mailto:jmackey@wcpss.net)

Ms. Kathleen Daniel (1<sup>st</sup> period)

[kdaniel@wcpss.net](mailto:kdaniel@wcpss.net)

[Remind: @mackey2spr](#)

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.

## What you'll need for class:

Notebook  
(composition, spiral or 3 ring)  
Graph paper  
Pencils with erasers  
Colored Pencils/Highlighters  
Compass  
Folders with pockets  
Graphing Calculator and/or  
calculator App, Desmos App

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

## Math 2 Units of Instruction:

- 1: Transformations and Symmetry
- 2: Congruence, Constructions and Proof
- 3: Quadratic Functions
- 4: Structure of Expressions
- 5: Solving Quadratics and Other Equations
- 6: Square Root and Inverse Variation
- 7: Similarity and Right Triangle Trigonometry
- 8: Probability

## Quarter Grades:

Practice Assignments*	15%
Quizzes	25%
Tests **	60%

\*Student classwork and homework will be checked periodically. Each unit will have a Homework/Classwork average and Warm-up average recorded in Power School.

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

## 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.

## Semester Grades:

1st Quarter	40%
2nd Quarter	40%
Final Exam	20%

## Extra help is available!

ROAR Lunch Schedule  
Tuesdays and Fridays

Students whose average is below 70% will be **required** to attend ROAR Lunch

Ask about other tutoring opportunities if you need after school help!



## The Importance of Being Here!

1. I'll miss you if you're not here!
2. 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. The work that you individually complete on a task is where your understanding comes from! In the event that you are absent, ALL work must be made-up. You can visit the K-12 Math Website to see a short video for an overview of any task. You should also watch any RSG Homework videos on Canvas. If you are having trouble with any of the material, remember you missed an important class discussion so you should come to a tutoring session! **Check your Unit Agenda** to see which tasks and homework assignments you missed! If you miss an assessment, you need to set up a time to take it during ROAR lunch or after school.

## What Is Expected:

- Be respectful** of your fellow students, the teacher, and yourself. Our classroom is a place where students should feel comfortable expressing their thoughts and asking questions.
- 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 class - cell phones are a major distraction to the work we need to do.
- Finish** all food and drinks before entering the classroom.

Math is not a spectator sport,  
your participation will be required  
in order to grow as a mathematician.

Ask questions!  
Make Mistakes!  
Share your ideas!

**MISTAKES  
ALLOW  
THINKING TO  
HAPPEN**

## How to Get Extra Support on Your Own:

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

- A link to each Lesson that your child works on in class, including the "Ready, Set, Go!" Homework assignments for that Lesson
- A video to assist students in completing the homework assignment

### For each Math 2 Unit, the K-12 Math Website includes:

- A Unit Overview Summary and Video
- Important Unit Vocabulary
- Links to Support Materials (Extra Practice or Additional Videos)
- The NC Math 2 Standards that are being covered in each lesson
- The Learning Targets for each lesson

### How do I get to those Math 2 MVP Homework Help Videos!?!?

- Go to **wakeid.wcpss.net** and login 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 do I get to all of that other Math 2 Support!?!?

- <https://sites.google.com/wcpss.net/k-12mathematics/>

On school website,  
under parents tab,  
choose homework  
resources, then click  
on Math K-12