



Math 2 Syllabus (2022-2023)

Teacher: Ms. Mayner

Email: maynerr@gcsnc.com

Phone #: (336) 612-4175.

Welcome to Math 2! This course is designed to cover geometry and algebra concepts. The first quarter will focus mainly on geometry while the second quarter will focus on algebra and functions. Listed below are some of the concepts we will cover this semester.

Geometry Concepts

- Transformations of Points, Shapes, and Lines
- Symmetry
- Congruence
- Proof
- Dilations and Similarity
- Parallel Lines and Transversals
- Trigonometric Ratios and Applications

Algebra Concepts

- Graphing Quadratic Functions
- Key Features of Quadratic Functions
- Forms of Quadratic Functions
- Transformations of Quadratic Functions
- Completing the Square
- Solving Quadratic Equations
- Radical Functions and Transformations
- Introduction to Inverse Variation Functions

Grading Policy

Grade Breakdown

- Homework = 10% of total grade
- Classwork = 20% of total grade
- Quizzes and Graded Assignments = 30% total grade
- Tests and Projects = 40% total grade

Homework

- Assigned Daily
- Homework will be assigned daily and due two days later
- Homework will be submitted on Canvas
- In order to get full credit for homework, you must have an answer AND work when necessary.
- Three possible homework grades:
 - No Points
 - No homework was completed
 - Half Credit
 - Homework was missing problems or work/explanations
 - Full credit
 - All problems were complete with work and explanations for all days

Classwork

- Assigned during class to help you learn
- Graded based on completion and participation on an assignment
- Workbooks are a classwork grade
 - Workbooks will be checked at the end of every unit
 - Workbook grades will be based on the number of activities completed during the unit

Performance Assessments and Quizzes

- Designed to demonstrate understanding on one or two topics
- Notes and peers can be used on performance assessments but NOT on quizzes.
- Graded for accuracy and work shown

Projects and Tests

- Designed to demonstrate understanding on an entire unit
- Notes and peers can be used on projects but NOT on tests
- Graded for accuracy and work shown

Late Work Policy

- All late work is subject to a deduction based on how late the assignment is turned in (unless it is related to an illness or an absence without access to internet).
- All late work for a unit is due when the unit exam is due unless other arrangements have previously been made
- Work turned in after the unit exam may not receive any credit

Grade Improvement

You may earn back partial credit or full credit on any assignment graded for accuracy. Read the directions below carefully.

To Earn Back Partial Credit: *Possible to earn up to half of your missed points.*

Use the Guided Corrections Sheet to:

- **Reflect on the Assignment:** *Use the answer key to see what problems you got incorrect. For each problem you missed, you need to explain why you missed the problem. Did you misread the problem? Did you make a small math error? Did you have no idea what to do about the problem? Did you guess?*
- **Re-learn the Material:** *You must do something to learn the material that you are confused on such as watch videos and take notes, complete more practice problems, or attend a tutoring session on the topic. Be specific. What video did you watch? When did you attend tutoring? Simply looking at your notes does not count as re-learning.*
- **Re-Work the Problems:** *Redo the problems that you missed. For each problem that you redo, explain in words how to do the problem the correct way. This should include each step needed to solve the problem and WHY that step is needed. You may write out this explanation to each problem or create a video explaining each problem.*
- **Re-Turn In the Assignment:** *Turn in the original assignment, your reflection, a statement on what you did to re-learn the material, and your corrected work and explanations.*

To Earn Back Full Credit: *Possible to earn all of your points back*

- **Reflect and Re-Learn:** *Follow steps (1) and (2) of “To Earn Back Partial Credit”.*
- **Re-Create:** *Create a new version of the assignment you want to redo by creating new problems.*
- **Resolve:** *Solve the new problems that you created. Your solutions should include explanations of your answers.*
- **Re-Turn in:** *Turn in the original assignment, your reflection, a statement on what you did to re-learn the material, and your re-created assignment with your answers and explanations.*

Procedures

Procedures help our class operate in a smooth and efficient manner. We have procedures for how we will function in this classroom every day.

Entering the classroom

- Remove earbuds and put your phone away
- Sharpen your pencil
- Sit at your assigned seat or group
- Follow the directions on the board for the warm-up/opener

Materials and Assignments

- Everyday materials are located on the teacher’s cart if you forgot something
- If your pencil breaks or runs out of lead **while the teacher or students are speaking**, borrow a pencil.
- If your pencil breaks or runs out of lead **while you are working in groups or individually** then you may get up and sharpen your pencil.
- Drop off materials to your block’s designated folder with your **NAME** and **BLOCK** on it

Checking Canvas

- Click on “Math 2 Fall 2022”
- Click on “This Week”
- Your schedule and assignments for the week are listed under “This Week”.
- Click on each assignment to view the due date
- To access prior weeks assignments, click on the desired month on the homepage of “Math 2 Fall 2022” and then the desired week
- **DO NOT rely on the Canvas Calendar that shows assignments from multiple classes**

Completing the Warm-up/Opener

- The front board will tell you if you need your laptop
- If your laptop is not needed, put your it under your desk or in your backpack
- Complete the content related warm-up as the teacher takes attendance
- Compare answer to another student’s
- Be ready to share your answer with the class- you may be randomly selected to do so
- When the warm-up timer goes off, the teacher will select a student or students to present

Tardiness

- If you are late to class, come into class quietly.
- Put your late pass on Ms. Mayner’s desk
- Gather any supplies you need
- Sit down at your assigned desk
- Quietly ask a neighbor what you are working on
- **We will follow the school’s policy on tardiness**

Completing workbooks

- Put your name and period on the inside cover of the workbook
- Tape or staple the table of contents to the inside front cover of your workbook
- Your workbook belongs to YOU and YOU need to bring it to class everyday
- Most classwork and homework will be completed in the workbooks
- “Takeaways” will summarize the lesson
- “Ready, Set, Go” will be used for homework
- Problems that are written or talked through by the teacher or a student should be completed in your workbook

Asking Questions

- **During instruction:** Raise your hand and wait to be called on
- **When in groups:** Ask the other students in your group BEFORE asking the teacher
- **When working individually:** Ask three other students BEFORE asking the teacher

Being Called on

- The teacher will randomly select students to share their thoughts throughout the class
- You have three options:
 - Answer the question
 - Ask a related question
 - Explain what you currently understand about the topic

Using the Bathroom

- **We will follow the school policy on using the bathroom**

Make-up Work

- If you are absent, you are expected to view assignments online and complete them.
- It is up to you to stay on track with your assignments.
- Check Canvas to see what you missed, view the slides for that day, and watch the online recordings if available.
- Collect missed handouts from the “Absent Folder” or view them online.
- When you return, copy notes from a neighbor during independent work and ask Ms. Mayner questions.
- Turn in missing work into Ms. Mayner’s “Drop-off” bin with your name and period on it or to Canvas.

Dismissal

- The teacher will let you know when to pack up (one or two minutes before class ends)
- Before you leave class:
 - Clean the area around your desk
 - Return supplies to the teacher’s cart
 - Turn in necessary assignments
 - Stay in your area until the bell rings

Technology Expectations and Consequences

Laptops

- Laptops are to be used for school related activities ONLY.
- Students who misuse the laptop will have it confiscated for the rest of the class period

Cell Phones/Earbuds

- Cell phones and earbuds are to be put away at the beginning of class.
- Zero tolerance of cell phones in the classroom
- **We will follow school policy on cell phones**

Behavior Expectations and Consequences

Expectations from Teacher

- Be on time
- Participate
- Ask questions
- Be respectful to teachers and students
- Make mistakes (and learn from them)

Classroom Norms

As a class, we will discuss what we need from each other in order to be successful in this classroom. Once we discuss this, our decisions will become our classroom norms. Classroom norms are an agreement on how we will interact with one another. Once the classroom norms have been established, students are expected to operate under that agreement.

Consequences

1. Student conference with the teacher
2. First phone call home
3. Second phone call home
4. Phone call home and office referral

Supplies

- Pencils
- Folder
- Notebook (does not have to be large)
- Highlighters (optional)

Tutoring Times (All subject to change)

Before School

- Mondays at 8:00-8:45am by appointment

After School

- Wednesdays at 4:15-5:00pm by appointment

Contacting Ms. Mayner

Email

- Your email should be typed in email form and include a subject line and your name.
- I will respond to your email as soon as I am able. I typically check my email at the beginning of the work day (8:45) and when the work day ends (4:30). I will respond to your email within 24 hours unless it is a weekend or holiday.

Phone Calls

- On teacher work days, I can be reached by phone from 9:00am to 4:30pm.
- On school days I can be reached by phone from 8:30am to 5:30pm.
- If I do not answer, please leave a message with your name and reason for your call. I will not call back if a message is not left.
- I will give you a call back within 24 hours unless it is a weekend or holiday.