"Reset and Believe"

McDonough High School
Geometry Syllabus

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SCAN ME

Mission: To be a Beacon of Light and a Place of Hope, where exceptional opportunities are accessible to all.
Vision: To empower students to be competent, productive, and informed in their pursuit of excellence.

Course Description / Content:

Geometry is the second course in a sequence of courses designed to provide students with a rigorous program of study in mathematics from the Georgia K-12 Mathematics Standards.

Geometry – At a Glance

Unit 1: Polynomial Expressions
Unit 2: Geometric Foundations, Construction and Proofs
Unit 3: Congruence
Unit 4: Similarity
Unit 5: Right Triangle Trigonometry
Unit 6: Circles
Unit 7: Equations and Measurement
Unit 8: Probability & Statistics
Unit 9: Review, Enrichment, and Acceleration

Standards for Mathematical Practices:

1 – Make sense of problems and persevere in solving them.
2 – Reason abstractly and quantitatively.
3 – Construct viable arguments and critique the reasoning of others.
4 – Model with mathematics.
5 – Use appropriate tools strategically.
6 – Attend to precision.
7 – Look for and make use of structure.
8 – Look for and express regularity in repeated reasoning.

Supplies:

- **An Electronic Device, Laptop, Chromebook, Desktop. (Bring to class daily)**
- **All students will be required to have a 1-inch Binder with loose leaf paper to create their MATH NOTEBOOK. All notes, practice exercises (with work shown - This includes the original problem plus a logical sequence of steps leading to the final solution), standards' data (via Illuminate small slips) and a signed copy of the syllabus will be stored in the students' Math Notebook. Small slips will be provided by the teacher after each unit assessment.**
- Pencils/Pens/erasers
- Expo Markers (one pack)
- **MATH NOTEBOOK - 2-Pocket folder or 3-ring Binder with Dividers**

Grading Scale: A: 90-100 **B**: 80 – 89 **C**: 74-79 **D**: 70 – 73 **F**: 0 - 69

Grades will be calculated as follows:

- Standards-Based Grading
  - Assessments (40%) – Summative Unit Assessments, Performance Tasks & Projects
  - Practice Work (40%) – Classwork, homework, Formative & Diagnostic Assessments, Exit Slips,
  - May be graded for accuracy or completion
- Final Exam (20%)

Class Attendance

It is important to be in class on time and prepared each day. Each assignment will be covered and some will be collected and graded at the discretion of the teacher.

Classroom Rules:

- Be on time
- Be respectful
- Be prepared
- Be positive
- **No cell phone or earbuds use**
- Be accountable
- Be familiar with the student handbook
    - Dress code
    - Make-up policy
- **<u>No food or drink in the classroom (water bottles are permitted).</u>**

Discipline Plan

Please refer to the HCS Parent & Student Handbook discipline procedures and consequences. (Cell Phone Policy Violations can be found on pages 51, 54, and 60)

Most Common Behavior concerns:

Cell Phone Use: See the Mcdonough High School Cell Phone Use Policy.

<u>1.6 Electronic Resources</u>: Violating the policies for using electronic resources. Refer to page 51.

<u>1.7 Misuse of Electronic Communication Devices:</u> Unauthorized possession, displaying or using a cell phone, pager, or other electronic communication devices during the school day without the consent of the principal or his/her designee.

<u>1.8 Encouraging Prohibited Behavior:</u> Inciting, encouraging, counseling, or advising others to engage in prohibited behavior that violates the K-12 Student & Parent Handbook or any policy of the District. A student violates this rule when he/she verbally or physically encourages others to engage in prohibited behavior, which may include oral instruction or physically showing a student how to engage in prohibited behavior.

1st Offense – Verbal Warning-Parent/Guardian Contact (email/phone call)
2nd Offense – Warning- Parent/Guardian Conference (phone call/in-person meeting)
3rd Offense – Referral to Administration

Make-up Policy

It is the student's responsibility to turn in ALL missing assignments by the appropriate deadline.
For example: All assignments from Unit 1 MUST be turned in on or before the end of Unit 2.
Contact Time: You may contact your student's teacher at MHS at before or after-school or via email. In order to make an appointment with any or all of your child's teachers you may contact the Counseling office as well.

<u>MHS Parent Resource Center Benefit:</u>

McDonough High School Parent Resource Center: Monday - Friday 8:30 - 3:00
The benefit of a Parent Resource Center is connecting with our families and strengthening the bond between educators and families.
The McDonough High School Parent Resource Center provides parents with free Literacy and Math resources across all content areas and all grade levels, provides opportunities for family involvement with hands-on learning activities, provides Parent Workshops to support learning at home, IC Parent Portal assistance, Free and Reduced Lunch Form information and assistance, Copyright Piracy Laws, Ga Milestones and many more resources are available.

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