



HEPHZIBAH COMPREHENSIVE HIGH SCHOOL

Geometry

Course Syllabus 2025-2026

Ms. K. Morgan, Teacher

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Course Description and Goals:

Geometry: Concepts and Connections is the second course in a sequence of three high school courses designed to ensure career and college readiness. This course is intended to enhance students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability. High school course content standards are listed by big ideas, including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometric and Spatial Reasoning.

Course Outline: Geometry is divided into several different units.

Unit 0: Learners' Profile and Think Like a Mathematician	2 days
Unit 1: Exploring Polynomial Expressions through Geometry	18 days
Assess and Reflect Unit 1	2 days
Unit 2: Geometric Foundations, Constructions, and Proofs	16 days
Assess and Reflect Unit 2	2 days
Unit 3: Congruence	18 days
Assess and Reflect Unit 3	2 days
Unit 4: Similarity	12 days
Assess and Reflect Unit 4	2 days
Unit 5: Right Trigonometry	12 days
Assess and Reflect Unit 5	2 days
Unit 6: Circles	26 days
Assess and Reflect Unit 6	2 days
Unit 7: Equations and Measurements	25 days
Assess and Reflect Unit 7	2 days
Unit 8: Probability & Statistics	25 days
Assess and Reflect Unit 8	2 days
Unit 9: Culminating Capstone Unit	5 days

Materials: You will need a laptop or mobile device three-ring notebook, notebook paper, pencil/pen, and composition notebook.



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Assignments and Absences

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment, but the teacher will determine if additional time is needed on a case-by-case basis. **It is the student's responsibility to contact me if they are having trouble or needs assistance.**

Course Assessment Plan/Grading Scale: This course will include many formative assessments (bell work, quizzes, and classwork). The course will also include four countywide common assessments. At the conclusion of the course, in late April all Algebra I students are required to take the Georgia Milestone which will count as 20% of their final grade. For this course grades will be assigned as follows:

Major Assignments – 40% (Unit Common Assessment, Delta Math Virtual Quiz and Projects)

Minor Assignments – 60% (Classwork, Guided Notes, Journal Notes, Projects and IXL assignments)

Grading Scale

A = 100 – 90, B = 89 – 80, C = 79 – 75, D = 74 – 70, F = 69 – 0

Homework: Monday - Thursday. (Incomplete written practice for major assessment, and some will not be graded at the teacher's discretion)

Classroom Expectations and Consequences

The teacher will discuss the classroom expectations and consequences during class with a PowerPoint Presentation. The classroom expectations and consequences PowerPoint presentation will be posted via Canvas.

School Expectations

Follow all school rules and policies (*P.R.I.D.E* – *PBIS*).

- *P – Principled*
- *R – Reflective*
- *I – Innovative*
- *D – Determined*
- *E – Excellence*

Conferences

The primary goal is to meet the developmental needs of each student; therefore, student progress during each grading period will be closely monitored. A Parent conference should be scheduled for all students earning D's and F's at the end of each nine weeks grading period. In order for your parent to schedule a conference with your teachers, please contact the **Guidance Office** at **706-592-2089**.



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Please sign and return this page by August 12 for 5 extra points.

I have read, acknowledged, and understand all that Ms. Morgan's Geometry C & C syllabus contains.

Print Student's Name: _____

Student's Signature: _____

Date: _____

I have read, received, acknowledged and kept Ms. Morgan's Geometry C & C syllabus for my records.

Print Parent's/Legal Guardian's Name: _____

Parent's /Legal Guardian's Signature: _____

Date: _____

Preferred Method of contact (Please CIRCLE ALL that APPLY)

Email TEXT PHONE

Parent preferred email: _____

Parent Contact Number: _____