



# Zion Chapel HIGH SCHOOL

## GEOMETRY WITH DATA ANALYSIS

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**Course Description:** Geometry with Data Analysis is an Alabama high school mathematics course which builds on the students' experiences in the middle grades. It is the first of three required courses in high school mathematics. Students will incorporate knowledge and skills from Geometry & Measurement, Algebra and Functions, and Data Analysis, Statistics, & Probability. This course is intended to lead to a deeper understanding of fundamental relationships within the discipline and to build a solid foundation for further study.

**Course Objectives:** A full list of course standards can be found at:  
<https://www.alabamaachievers.org/wp-content/uploads/2021/03/2019-Alabama-Mathematics-COS-Rev.-6-2021.pdf>

**Supplies:** Pencils, erasers, scientific calculator, composition notebook, loose-leaf paper, binder (share with other classes)

**Course Resources:**

- ❖ E3 Geometry Curriculum from A+ College Ready
- ❖ Geometry Textbook: Kennedy, D., Milou, E., Thomas, C. D., Zbiek, R. M., & Cuoco, A. (2019). *Envision geometry*. Pearson.
- ❖ Delta Math Software (deltamath.com) - skills practice website
- ❖ Google Classroom - post notes/assignments, list of make-up work
- ❖ Power School Website - access to student grades

**Geometry Notebook** In geometry, it's not enough for you to remember how to solve problems. In fact, most geometry problems will not have a set of steps for you to follow. For the first time in math, you will need to remember definitions, properties of shapes, and a long list of postulates and theorems. We will use a composition notebook to organize all of the information from this course. You will be given the opportunity to use this notebook on a few tests/quizzes throughout the quarter. It will likely be graded twice each nine weeks.

**Classroom Expectations:**

- ❖ Follow all Coffee County and Zion Chapel school rules.
- ❖ Be on time and prepared for class each day.
- ❖ Be an active learner, participate, and follow our classroom procedures and routines – Bellwork, Lesson Activities, etc.
- ❖ Show respect. Expect respect in return. This includes yourself, others, your teacher, and the classroom equipment/supplies.
- ❖ Keep your hands and feet to yourself. No horseplay.

**Progressive Discipline Plan:** This classroom is a learning environment. Behavior that interferes with that learning will be dealt with in the following manner.

- ❖ Incident 1 – Verbal Warning, possible student conference
- ❖ Incident 2 – Break Detention, student conference, possible parent contact
- ❖ Incident 3 – Break Detention (2 days), parent contact
- ❖ Incident 4 – Office Referral

Defiance, profanity, violence, or threatening behavior will result in an immediate office referral without any warning.

<b>Hall Pass Policy</b>	Students are encouraged to use the restroom in between classes, at break, and during lunch. Of course, there will be instances where a bathroom pass is necessary. Students will have passes out of the classroom that can be used in these situations. It is unlikely that passes will be given to go anywhere else during class time.
<b>Make-Up Work:</b>	It is the student's responsibility to gather and complete make-up work. A list of daily assignments and notes will be posted on Google Classroom. Paper copies of work will be put in the class folder on the wall. Students are given 3 school days to turn in missed assignments. If you need additional time, please speak with your teacher within the three day period.
<b>Grading Policies:</b>	<p><b>Grading System:</b> Your overall grade will be based on the Coffee County grading scale. Assignments will be given a point value and put into the following weighted categories:</p> <ul style="list-style-type: none"> <li>● Assessments – 60% (tests, quizzes, large projects, etc.)</li> <li>● Daily Work – 25% (classwork, homework, small projects, skill practices)</li> <li>● Nine Weeks Exam – 15%</li> </ul> <p><b>Grade Improvement &amp; Extra Credit:</b> Your grade will be based on your mastery of course standards. Extra credit is not provided, but you may retake any assessment. Before a retake is permitted, you must show that you have done additional prep with the material. Discuss your options with your teacher. Retakes will be similar to the original test but not the same and will be given full credit.</p> <p><b>Late Work:</b> The final day to submit any assignment for a unit is the date of the unit test. No assignments will be accepted after that date without a discussion with school administration.</p> <p><b>Homework:</b> Students will be given “Check Your Understanding” questions with each lesson. It is strongly encouraged that students complete these problems to help them prepare for tests and quizzes.</p>
<b>Struggling Students:</b>	Each week, help hours will be posted. These days and times will vary from week to week. Get help immediately as soon as you see that you are struggling.
<b>Academic Integrity:</b>	Cheating and/or copying others' work will not be tolerated. A zero will be given and disciplinary action may be taken based on the school handbook.
<b>Changes to Syllabus &amp; Classroom Policies</b>	The teacher reserves the right to make changes to this syllabus. Students will be notified when this occurs. Exceptions to classroom policies will be made at the discretion of the teacher. No exceptions will be made to Coffee County Board Policies or ZC School Rules.
<b>Signature Section</b>	A digital copy of this syllabus can be found on the Google Classroom Page and on the school website. Please sign below and return this page to your teacher.

Student Signature \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_