

PRE-AP GEOMETRY W/DATA ANALYSIS

Syllabus

James Clemens High School
11306 County Line Road
Madison, AL 35756



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Room D111
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Dear Parent/Guardian,

I feel fortunate to have your child in my class and hope that you will contact me should you have any concerns. With your child, please read the attached policies. Let's have a GREAT semester!

- I. Course Description:** In Geometry with Data Analysis Pre AP students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study.
- II. Course Objectives:**
- 1) The students will have an understanding of geometric figures, measurements, and the properties, theorems, and postulates that are associated with those figures.
 - 2) The students will develop understanding to congruence and similarity.
 - 3) The students will work with measurements in two and three-dimensional figures.
 - 4) The students will use data analysis, statistics and probability to summarize information and make decisions.
- III. Classroom Expectations: Classroom Rules**
1. Be prepared for class and in seat when the bell rings.
 2. Be respectful and considerate of everyone and everything in this room.
 3. PARTICIPATE
 4. Keep the classroom neat and free of food, drinks and gum.
 5. Use MCS Chromebook for any digital work.

Classroom Management Plan

- Verbal reprimand
- Conference with student with parent contact
- Withdrawal of privilege(s) with parent contact
- Other consequences determined to be reasonable and appropriate by the school administration.

Classroom Procedures

1. Entering the Classroom

If you are not in class by the time the bell rings, then you are tardy. Be ready for class. Weekly agenda will be posted on Schoology, daily objectives posted in notes.

2. During Class

Listen respectfully to the teacher and other students. Each student to participate and be engaged in class discussion, questioning, and activities.

3. Before leaving the classroom

Any supplies/materials should be returned to proper places and space is clean.

Virtual Learning Days

Students will be expected to enter Schoology on virtual learning days, complete assignments posted as assigned. Students must quickly communicate any issues to the teacher. It is considered a school day!

- IV. Cell Phones:** Cell phones and earbuds/headphones will not be allowed to be used during classroom instruction time. Phones and earbuds/headphones will be put away in a location designated

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by the teacher and placed in silent mode. In secondary schools, students will have access to their phones and earbuds/headphones outside of classroom instruction time such as between classes and lunch. Failure to follow these procedures will result in a disciplinary referral to the office.

V. Grading Policy:

Test grades will account for 70% of the 9-weeks grade, with the remaining 30% determined by quiz/daily grades. The grading scale is as follows: A (90-100), B (80-89), C (70-79), D (65-69), and F (below 65). Grades will be a reflection of mastery of the standards. The Final Exam counts for 1/5 of final grade.

VI. Make-up Policy:

- **Make up Assignment Policy:** Students with **excused** absences must make-up assignments within **3 days** of the absence. Please check the course Schoology page for the day's work. **It is the student's responsibility to make up, complete, and turn this work in.** Work not turned in will be a zero.
- **Make up Test Policy:** It is *the student's responsibility* to make arrangements to make up any test missed.
- **Unexcused Absences:** Work for absences not excused through the Attendance Office will be recorded as a zero, including tests, as district policy. Please be sure to have all absences excused to receive credit for work.

VII. Text and Other Required Materials, Sites:

Big Ideas Math Geometry with Data Analysis (also online at www.bigideasmath.com), College Board account (myap.collegeboard.org)

VIII. Materials and Supplies Needed:

Notebook paper, graph paper, pencils (required)
Scientific calculator, notebook/binder for notes (highly suggested)
Ruler, protractor, graphing calculator (Optional)

18 – WEEK PLAN (subject to changes)	
Week 1-2	Measurements in Data (College Board Unit 1) <i>*some of Ch 12 Data Analysis and Display</i>
Week 3-4	Ch 1 Basics of Geometry
Week 5	Ch 2 Reasoning and Proof
Week 6-7	Ch 3 Parallel and Perpendicular Lines
Week 7-8	Ch 4 Transformations
Week 8-9	Ch 5 Congruent Triangles Marks the END OF TERM
Week 10-11	Ch 6 Relationships in Triangles
Week 11-12	Ch 7 Polygons & Quadrilaterals
Week 12-13	Ch 8 Similarity
Week 13-15	Ch 9 Right Triangle and Trigonometry
Week 15-16	Ch 10 Circles
Week 16-18	Ch 11 Circumference, Area, and Volume
Week 18	Semester Review and Final Exam Marks the END OF SEMESTER

After review with your student, please complete the form:
<https://forms.gle/qSxHFmP9Y9LpS3cW9>

