

2026-2027 Course Syllabus



Course Name:	Geometry CP
Teacher Name:	Mrs. Lindsay Bissette
Email:	lbissette@greenville.k12.sc.us
Phone Number:	(864) 355-8757

Course Description:

Geometry with Statistics (GS) builds on the students' experiences in the middle grades. It is the first of four required courses in high school mathematics, providing a common Grade 9 experience for all students entering high school-level mathematics. GS builds essential concepts necessary for students to meet their post-secondary goals (whether they pursue additional study or enter the workforce), to function as effective citizens, and to recognize the wonder, joy, and beauty of mathematics (NCTM, 2018). It is important because it develops mathematical knowledge and skills through visual representations prior to the more abstract development of algebra. Beginning high school mathematics with GS in ninth grade offers students the opportunity to build their reasoning and sensemaking skills, see the applicability of mathematics, and prepare more effectively for further studies in algebra. The course also focuses on statistics in analyzing data, which provides students with tools to describe, show, and summarize data in the world around them. In GS, students incorporate knowledge and skills from several mathematics content areas, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The focus in GS is concentrated within the strands of Data, Probability, and Statistical Reasoning (DPSR); Measurement, Geometry, and Spatial Reasoning (MGSR); Numerical Reasoning (NR); and Patterns, Algebra, and Functional Reasoning (PAFR).

Student Learning Outcomes:

By the successful completion of this course, you will be able to:

1. Understand transformations, congruence, similarity, and coordinate geometry concepts.
2. Reason through exploration, conjecture testing, and informal and formal justification.
3. Perform algebraic calculations with specific application to geometry that build on foundations of algebra from seventh and eighth grades.
4. Use probability to determine the logic of uncertainty and randomness, which occur in almost every aspect of daily life, enhancing students' ability to organize information and improve decision making.

Course Outline

	QUARTER 1									QUARTER 2								
WEEK ----->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Geometry with Statistics (CP/Hon)	Unit 1 - Foundations and Parallel/Perpendicular	Unit 2 - Transformations	Unit 3 - Triangles and Triangle Congruence	Unit 4 - Quadrilaterals	Unit 5 - Similarity	Unit 6 - Right Triangles and Trigonometry	Unit 7 - Circles	Unit 8 - Two- and Three-Dimensional Models	Unit 9 - Prob. and Statistics									
	13 days	8 days	10 days	9 days	8 days	9 days	10 days	8 days	7 days									

Please note that Quarter 1 and Quarter 3 are the same, and Quarter 2 and Quarter 4 are the same since we are on block schedule.

Please understand that this time frame is tentative, depending on the rate at which the students learn the material. Material may be added, deleted, and/or substituted at the CAT team's discretion based on individual needs, levels, and learning styles of each class.

[Geometry with Statistics Overview](#)

Annotated Book List:

SAVVAS enVision Geometry textbook and workbook

Required Materials:

1. Paper/3-Ring Binder
2. Pencils
3. WIRED earbuds/headphones
4. Colored pencils/markers
5. Highlighters
6. Glue sticks

Class Expectations:

1. Bring your materials to class.
2. No cell phones in class.
3. WIRED earbuds/headphones may be used in the classroom WITH teacher permission.
4. Come into class and begin your starter.
5. Stay on task and complete your work.
6. Be responsible.
7. Be respectful.
8. Communicate.

Course Policies:

Grading Practices

- Grade weights will be 60% majors and 40% minors.
- Each quarter grade will count 45% and the final exam will count 10% of the final grade for the course.
- NO GRADING FLOOR will be applied to ANY assignment or grading period!

Late Work Policy

- Missing or late work for Majors & Minors will be accepted up to 5 class periods after the assigned due date.
- There will be a 10-point deduction for each class period the work is late.

Makeup Work Policy

- Students have 5 days to turn in makeup work due to excused absences with no penalty. After that, the Late Work Policy above will apply.

Retake / Mastery Policies

- Retakes are NOT allowed.
- We will be offering Major and Minor Mastery opportunities for students to replace 1 MAJOR non-zero grade (test or project) and 2 MINOR non-zero grades (classwork/homework) per each 9-week grading period.
- HOWEVER, to QUALIFY for MAJOR Mastery, students can have NO zeros on MAJOR assignments.

Major Assignment Policies

- If a student does not do a major assignment or cheated on a major assignment, the student will receive a zero and a referral.
- The student will be assigned ISS to complete the assignment. An alternate assignment might be provided at the teacher's discretion based on the circumstances.
- If the assignment is not completed in ISS, the student will have OSS.
- The MAXIMUM grade a student can receive on the assignment is a 60.
- If a student fails to complete 3 or more major assignments, the student will be assigned OSS.
- If the student has an outstanding zero in the gradebook on a MAJOR assignment, the student will NOT QUALIFY for MAJOR Mastery.

Artificial Intelligence (AI) Policy

- MagicSchool AI is the ONLY approved AI that students may use. It is in the backpack under Educational Apps.