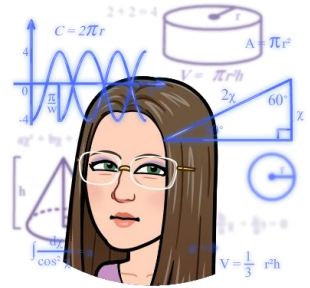




Pine Ridge High School
Course: Geometry/Honors Geometry
Email: rmayr@volusia.k12.fl.us

Teacher: Mrs. Mayr



WELCOME TO GEOMETRY!

Course Description: The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. The content will include Euclidean geometry of lines, planes, angles, triangles, construction and logic, and properties of circles, polygons, right triangle trigonometry, and reinforcement of algebraic concepts. Calculators and computers will serve as instructional tools in concept development.

Materials Required: (in person)

- Binder (1, 1 ½ or 2 inch) and a set of dividers (5)
- Pencil with eraser
- Highlighters or colored pencils
- Compass
- Ruler or protractor
- Tape or glue stick (tape if you prefer to glue for interactive notes)
- A scientific calculator*, the TI-30Xa is FSA/EOC approved

Materials Required: (Volusia Live)

- Computer access to Teams which includes Class Notebook
- Pencil with eraser
- paper
- Compass
- Ruler or protractor
- A scientific calculator*, the TI-30Xa is FSA/EOC approved

*Cell phone calculators are not permitted

Classroom Expectations:

Be prompt, polite and prepared for the day's activities.

Have notes and any additional supplies ready when the bell rings.

Respect your teacher and fellow students.

Listen when someone else has the floor. When you're talking, you're not listening, and when you're not listening, you're not learning. We all learn from each other!

Follow all rules as found in the Student Code of Conduct, including the Mandatory Uniform Policy.

Use of Face mask when social distancing of 6 feet is not possible.

Honor Code: Be Honest! If caught cheating/copying on a formative, you earn a zero. If you are caught cheating on a summative, you earn a zero until a replacement test is taken and you FORFEIT the RETAKE option and earn a referral.

Phones may be used for educational purposes at specified times. All other times, phones should be put away so to not distract from your education. Cell phones, earbuds, and other electronic devices may not be out during class. Please note that electronics out during a summative or specified formative will result in disciplinary action.



Grading Policy: When you turn it in promptly, it will be graded promptly. Double check your score with the grade book score, kindly inform me if I made a mistake.

Assessments: I gather information for two distinct reasons: to make instructional decisions (diagnostic and formative assessment) and to communicate a summary of my students' achievement (summative assessment).

- **Formative:** Independent Practice, classwork, bell-ringers and discussion participation are the most common. I assess the learning of my students frequently in order to evaluate the effectiveness of instruction and plan for future instruction.
- **Summative:** Tests, quizzes and projects are the most common. These are essential to report card grading.

Submission and Make-Up Policies: Assignments will consist of textbook problems, worksheets, mini projects, group activities, math nation videos, and writing activities. Assignments are expected to be completed by the specified due date, normally being the following day, but always before a summative. *If you are absent:* ask a student first for any missed notes, refer to the agenda board to see if you need any additional materials. In-Person: check the "Did you miss class?" folder for handouts. Volusia Live handouts will be in the TEAMS class notebook.
Summative Make-Up: do it as soon as possible, must be before the next summative.

Retakes/Interventions: A remediation and reflection will be available for tests. The remediation, reflection and retest must be completed **before** the next test date.

Course Overview

Q	Unit	Topics Covered
1	Prior Knowledge	Simplify expressions, solving linear equations, simplify radicals
1	1	Definitions, Segment and Angle Pairs, Coordinate Geometry, Constructions
1	DIA1	Unit 1
1	2A	Rigid Transformations
1	DIA2	Unit 2A
2	2B	Congruence and Proofs with Triangle Properties
2	DIA3	Unit 2B
2	3	Similarity
2	SMT	Covers All Above Units
3	4	Right Triangles and Trigonometry
3	DIA4	Unit 4
3	5	Quadrilaterals
3 & 4	6	Two-Dimensional Measurements
4	DIA5	Units 5 and 6
4	7	Three-Dimensional Measurements
4	8	Circles with and without Coordinates
	FSA	Review and FSA Administration
4	9	Algebra 2/LAM Preparation

I **BELIEVE** that **ALL** students have the ability to succeed with hard work and determination. Please come to class with a positive, ready to learn attitude.

I'm so excited to have you in my class this year; it's going to be a great year!!

Mrs. Mayr