



New Course FACT Sheet 2024-2025

Course Title: *Geometry*

Teacher Contact Information:

- Please email me (liz@wearetherockofcf.org) or text me 407-468-5055 during regular school hours. I do not check either in the evenings or on weekends.

Course Overview:

- This course includes a substantial review of Algebra Concepts to help prepare you for Algebra 2 next year.
- I will supplement the Math-U-See curriculum with the concepts required by the state.

Supplies List

- Supplies are on the website. <https://www.therockacademyfl.com/copy-of-pre-calculus-hs>
- Students are required to be prepared for EVERY class period.

The Successful Student:

- Arrives on time to class with EVERYTHING he/she needs.
- Maintains the math notebook weekly.
- Has homework scored and questions marked and ready to go for class.
- Follows directions and asks for help when needed.
- Turns all work in complete and on time.
- Takes advantage of resources provided by the teacher.

The Successful Parent:

- Checks FACTS every week—all year long!
- Communicates in a timely manner with questions or concerns.
- Seeks out support and help needed for a struggling student.

Homework Policy

- Work that is not turned in on time in class does NOT receive full points
- Work not turned in within a week of the due date is given a zero.
- Students found **cheating or copying** will be given zeroes and risk being removed from the class and/or the school.

This schedule below is an overview. TRA reserves the right to make changes during the school year.



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Geometry Week-by-Week Overview

Semester I	Semester II
Week 1 – Lesson 1-- Points, Line, Rays, Segments <i>Algebra Review: Exponents</i>	Week 19 – Lesson 14 --Volume of Rectangular Solids and Cylinders <i>Algebra Review: General Review</i>
Week 2 – Lesson 2 -- Planes & Sets <i>Algebra Review: Exponents</i>	Week 20 – Lesson 15 – Volume: Pyramid, Cone, Prism & Sphere <i>Algebra Review: General Review</i>
Week 3 – Lesson 3 -- Angles <i>Algebra Review: Exponents</i>	Week 21 – Volume Review; Algebra Review <i>Algebra Review: General Review</i>
Week 4 – Review	Week 22 – Lesson 16 – Surface Area of Solids <i>Algebra Review: Substitution</i>
Week 5 – Lesson 4 – Types of Angles <i>Algebra Review: Equations</i>	Week 23 – Lesson 17 & 18—Radicals; Pythagorean
Week 6 –Lesson 5 – Parallel and Perpendicular Lines <i>Algebra Review: Equations</i>	Week 24 – Inscribed Angles; Area of Sector <i>Algebra Review: Elimination</i>
Week 7 – Lesson 6 – Supplementary & Complimentary Angles <i>Algebra Review: Equations</i>	Week 25 – Lesson 20 & 21. 30-60-90 Triangles; 45-45-90 Triangles
Week 8 – Lesson 7 – Transversals	Week 26 – Lesson 22- Axioms, Postulates & Theorems; Statements, Converse, Inverse, Contrapositive <i>Algebra Review: Substitution & Elimination</i>
Week 9 – Lesson 8 – Perimeter and Interior Angles <i>Algebra Review: Order of Ops with Integers</i>	Week 27 – Lesson 23 – Corresponding Parts of Triangles; Remote Interior Angles <i>Algebra Review: General Review</i>
Week 10 – Lesson 9 – Area	Week 28 – General Review; Algebra Review
Week 11 – Quadrilaterals <i>Algebra Review: Order of Ops with Integers</i>	Week 29 – Lesson 24 – Proving Triangles Congruent by SSS & SAS <i>Algebra Review: Linear Equations</i>
Week 12 – Lesson 10 – Constructing and Identifying Triangles <i>Algebra Review: Order of Ops with Integers</i>	Week 30 – Lesson 25 – Proving Triangles Congruent by ASA and AAS <i>Algebra Review: Linear Equations</i>
Week 13 – Lines in Triangles; Points of Congruency	Week 31 – Lesson 26 – Proving Right Triangles Congruent <i>Algebra Review: Linear Equations</i>
Week 14 – Lesson 11 – Regular Polygons <i>Algebra Review: Factoring and Distribution</i>	Week 32 – Lesson 27—Proving Triangles Similar <i>Algebra Review: General Review</i>
Week 15 – Quiz. Thanksgiving Break	Week 33 – Lesson 28 – Transformational Geometry and Symmetry
Week 16 – Lesson 12 – Geometry of a Circle, Sphere, & Ellipse <i>Algebra Review: Factoring and Distribution</i>	Week 34 – Lesson 29 – Trigonometric Functions
Week 17 – Lesson 13 – Area of a Circle & Ellipse	Week 35 – General Review; Algebra Review
Week 18 – Project	Week 36 – Final Test