

Reynolds High School

Building relationships for academic success



Ms. Eleanor Maddock (she / her) emaddock@rsd7.net Room 708		Geometry NC Fall 2024	
Course Description			
Geometry is a required course applying transformations, right triangles, area and volume, congruence and similarity, and geometric arguments. This class will also focus on English language development across reading, writing, listening, and speaking.			
Required Materials			
RHS student planner Pencil or pen	Notebook Folder or binder	Schoology Chromebook	
Gradebook			
Grades are based on learning activities and mastery assignments .			
Learning: 35% of final grade; all daily activities such as speaking, taking notes, quizzes, group work, individual assignments, skills practice, and tasks. Mastery: 65% of final grade; majors tests, projects, and exams			
Credit	Score	Grade	
Pass	90 – 100%	A	The student demonstrated full mastery of all course content, and all course objectives have been met.
	80 – 89.9%	B	The student demonstrated full mastery of most of the course content, and most course objectives have been met.
	70 – 79.9%	C	The student demonstrated understanding of most of the course content, and sufficient course objectives have been met.
	60 – 69.9%	D	The student demonstrated a basic understanding of some of the course content, and a minimum of course objectives have been met.
Fail	0 – 59.9%	F	The student did not demonstrate a basic understanding of content or has not met enough course objectives; the student does not receive credit.
Ms. Maddock’s Policies			
- You may use your notebook on tests; you may not use any handouts, worksheets, or anyone else’s notes. - If you are not happy with your grade on a test (mastery), you can retake the test <u>once</u> any time before January 10th. - Learning tasks are due <i>before test day</i>; they cannot be turned in after the test or regraded. - If you are absent on the day of a test, you must take the test as soon as you return to school. - You can have bottled water at your desk. - All other drinks must be left on the desks at the back of the room. - Do not bring food into this room. No. Nope. Nuh uh. - Do not spray perfumes in this room.			

POWER Expectations

Prepared – Bring notebook, learning log and pencil to class every day.

Organized – Use your learning log and planner to keep track of upcoming due dates.

Writing – Write in complete sentences and think critically about your responses.

Engaged – Listen, ask questions, participate in individual and collaborative activities.

Respect – Be kind to yourself, your classmates, your teacher, and our classroom.

Course Schedule

Unit 1: Introduction to Geometry

Students will...

- **Read** geometric notation
- **Write** the name of a line, segment, or ray given a diagram
- **Describe** a point and its location using a sentence frame
- Use content vocabulary when **discussing** how to determine measures of pairs of angles.

Unit 2: Transformations

Students will...

- **Write** the algebraic rule for a geometric translation
- **Explain** the difference between translation, reflection, and dilation to a peer
- Graph a geometric transformation when **hearing** oral directions.

Unit 3: Triangles

Students will...

- Justify how they use the Pythagorean Theorem in **discussions** with peers
- **Write** a complete sentence classifying a triangle
- Draw and label a right triangle when **reading** a trigonometric equation.

Unit 4: Modeling

Students will...

- **Read** perimeter, area, volume, and density application problems
- **Discuss** how to solve application problems with peers
- **Write** solutions to application problems with accuracy and precision.

Student Signature _____

Date _____

Parent Signature _____