Reynolds High School

Building relationships for academic success



Ms. Eleanor Maddock (she / her)				Geometry NC	
emaddock@rsd7.net				Fall 2024	
Room 708					
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			Notebook	Schoology	
Pencil or pen		F	older or binder	Chromebook	
Gradebook					
 <u>Learning</u>: 35% of final grade; all daily activities such as speaking, taking notes, quizzes, group work, individual assignments, skills practice, and tasks. <u>Mastery</u>: 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%	В	The student demons	trated full mastery of most of the course content,	
			and most course obj	ectives have been met.	
	70 – 79.9%	C	The student demons	student demonstrated understanding of most of the course content,	
			and sufficient course objectives have been met.		
	60 - 69.9%	D	The student demons	trated a basic understanding of some of the course	
	0 50.0%		The student did not	demonstrate a basis understanding of content or bas	
Fail	0-59.9%	F	not met enough cou	rse objectives: the student does not receive credit	
				ise objectives, the student does not receive creat.	
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 *before test day*; 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

<u>Prepared</u> – Bring notebook, learning log and pencil to class every day.

<u>Organized</u> – 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.

<u>Respect</u> – 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 _____