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**REMIND Codes:**

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**Grade Level-** 9th Grade

**Welcome:** I’ve been teaching for 10 years and have lots of experience across many grades. I have both my bachelor’s and master’s degree in education with math and social studies concentrations. My husband’s name is David, and we have a one-year-old daughter named Nadia.

**Course Overview:** Geometry: Concepts and Connections is the second course in a sequence of three high school courses designed to ensure career and college readiness. This course is intended to enhance students’ geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability. High school course content standards are listed by big ideas including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometric and Spatial Reasoning.

**Units To Be Taught In Geometry:**

Unit 1: Polynomial Expressions

Unit 3: Congruence

Unit 5: Right Triangle Trigonometry

Unit 7: Equations and Measurement Volume

Unit 9: Culminating Capstone

Unit 2: Geometric Foundations, Constructions, and Proofs

Unit 4: Similarity

Unit 6: Circles

Unit 8: Probability and Statistics

**Launchpad, Canvas, and Textbook:**

* Launchpad is our single sign on platform. All the apps/webtools that students will access throughout the school year, in all their courses, can be found here. You may also download the Classlink app to your device to access Launchpad from your phone or tablet.
* Our learning management system, Canvas, can be found in each student's Launchpad. The courses they are registered for will be displayed on the Dashboard in Canvas. Click on each course to find announcements, assignments, and all online instruction. You may also download the Canvas app for parents and the Canvas app for students to your cell phone or tablet.
* Our Geometry textbooks are new this year and have not been delivered yet but they will be available on the first day via your launchpad browser through the link that says “(ED) Georgia Science”- I know that this is not a science course but a variety of our textbooks are available on this app along with science.

**Materials List**

REQUIRED Items

* Pencils
* Loose Leaf Notebook Paper
* 3 Ring Binder
* One Set of Dividers
* Loose Leaf Graphing Paper (Available at Target, Staples, or OfficeMax)
* Color Pencils and or Crayons or Markers (you need at least one but can get the others if you’d like)
* 1 set of small headphones
* Highlighters in at least 3 different colors
* Personal Pencil Sharpener
* One Pack of Post-it Notes (The three pack)

You will also need a calculator for this class. You need, AT A MINIMUM, a Texas Instrument TI- 15 Explore level calculator. You DO NOT have to get that exact one so long as it has similar functions. HOWEVER, you also have the option of going ahead and getting a TI-84 Plus Calculator. These are expensive and generally cost around $100-$120 depending on where you buy it from. They are not required for Geometry, but you will most likely be required to buy this calculator for the other high school level courses you will take, and it will be a benefit to you in this class as well. However, I understand that that price point is rather high, so feel free to get the minimum level calculator if you would like.

OPTIONAL Items

* Ruler
* Protractor
* Compass (a MATH one used for drawing circles)

**Grading Policy**

Middle and High school student performance will be recorded and reported in all courses by numerical grades, based on a 100-point scale.

* Calculation of Final Grades Final grades will be determined by the cumulative semester average using the following criteria:
* **Minor Grades** = 60% Examples include quizzes, labs, and other graded assignments to assess certain standards in a unit of study. Minimum number of minor grades per 6-week progress report period = 5
* **Major Grades** = 40% Examples include unit tests, essays, research papers, project-based assignments, and other culminating assessments to measure mastery of standards that comprise a unit of study. Minimum number of major grades per 6-week progress report period = 2

**Late/Missing Assignments**

Late work is defined as assignments that are submitted after the specified deadline. This does not apply to work submitted late due to absence from school. Students are expected to submit assignments on time.

Multiple incidents of late work may result in teacher-student-parent conferences to examine and correct the student’s work habits through an academic contract.

Scores may be reduced by 5% per school day for a 25% maximum reduction (five school days).

Late work submitted after the fifth school day will only be accepted at the teacher’s discretion.

**Relearn/Reassess**

Students who perform below 70% on a major assignment will be given the opportunity to relearn and reassess to show improvement in their mastery of the standard.

Students will submit a Relearning Plan as part of this process. This plan should include:

* Analysis of their errors or misconceptions on the previous major assignment.
* Complete assignments provided to relearn the content for mastery. Students may also attend a tutoring session.
* Complete and turn in any missing assignments.
* Commit to date(s) and time(s) to redo the assignment or retake the assessment.
* Share the plan with their parent and teacher for approval and signatures.

Upon satisfactory completion of the plan, as determined by the teacher, student should be given a minimum of one opportunity to be reassessed.

Teachers should have discretion to determine if R&R opportunities will be given for any minor assessment.

**Tutoring**

Tutoring is available as needed by appointment only. Please contact teacher if you are interested.

**Classroom Management Policy**

To create and preserve a classroom atmosphere that optimizes teaching and learning, all students share the responsibility of creating a positive learning environment. Students are expected to conduct themselves in a manner that does not disrupt teaching or learning, and they are expected to follow these standards:

* You are expected to be on time. I intend to begin class each day at the designated time and you will need to be in your seat ready to go by the time this occurs so that you do not miss out on learning but also so that the learning of your classmates is not interrupted by your late entrance.
* Classroom participation is a part of your grade in this course. You must attend class prepared to fully participate. Classroom discussion will be a vital part of our learning this year. However, in order for discussions to be conducive to learning any questions or comments should be relevant to the topic at hand.
* Classroom discussion should be civilized and respectful to everyone and relevant to the topic we are discussing. Classroom discussion is meant to allow us to hear a variety of viewpoints. This can only happen if we respect each other and our differences.
* Any discussion from class that continues online should adhere to these same rules and expectations.

At the end of the day my expectations of you and your behavior fall under five simple rules:

1. Be Respectful
2. Be Responsible
3. Be Prepared
4. Be Clean
5. Be Safe

We will have an in-depth discussion of my expectations in class. I know you all will do your best to adhere to these expectations, however, should any misbehavior occur, my response will be as follows for any LOW level offense:

1. First Offense: Warning
2. Second Offense: Second Warning-Reiterate Expectations
3. Third Offense: Parent Phone Call-Possible Referral at Teacher’s Discretion.
4. Forth Offense: Office Referral- Parent Conference will be requested.

For any HIGH level offense the response will be at teacher’s discretion, up to and including immediate office referral depending on the severity of the offense.