

Geometry

Katrina Sloan

Mathematics Teacher
Veterans High School

E-mail: Katrina.sloan@hcbe.net

Supplies

Loose-leaf Paper
1-1.5 in BINDER ONLY FOR Geometry
Pencil & Eraser
TI-30XS Calculator (Preferred)

****I have LIMITED Calculators available. It is HIGHLY recommended that you purchase a calculator.**

Textbooks

Textbooks will not be issued to students for this course. Guided notes will be your primary resource.

Course Description

Geometry is the second course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of geometry with correlated statistics applications. The standards in the three-course high school sequence specify the mathematics that all students should study in order to be college and career ready. Additional mathematics content is provided in fourth credit courses and advanced courses including pre-calculus, calculus, advanced statistics, discrete mathematics, and mathematics of finance courses. High school course content standards are listed by conceptual categories including Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability.

Course Outline

Unit 1A	Transformations
Unit 1B	Geometry Basics
Unit 2A	Logic and Introduction to Proofs
Unit 2B	Proofs and Parallel Lines
Unit 2C	Triangles
Unit 2D	Quadrilaterals
Unit 2E	Similarity

Unit 3	Right Triangles & Trigonometry
Unit 4A	Circles
Unit 4B	Area & Volume
Unit 5A	Algebra Connections
Unit 5B	Circle Equations
Unit 6	Probability

Grading Procedures

Major Assessments	45%
Minor Assessments	20%
Daily Work	15%
Final Exam/EOC	20%

This course includes a cumulative **FINAL** exam at the end of each semester.

You can check your grade anytime on Infinite Campus. Progress reports will be sent out at 6-week intervals. It is an expectation for YOU to keep up with your grades on infinite campus.

Flipped Classroom: This year we will be using a combination of a traditional and flipped classroom model. A flipped classroom is a **type of blended learning** where students are introduced to content at home using teacher made video lessons and practice working through problems at school.

Homework Policy- Homework will be given NIGHTLY. Students are expected to complete assignments fully to be successful in this class. I do not accept **LATE HOMEWORK**. At the completion of each unit, students will be expected to produce chosen homework/classwork problems for accuracy. Students will receive 2 HW grades per unit. One for completion and 1 for accuracy.

Graded Assignments: You will be expected to complete assignments on your own that will be counted as QUIZ GRADES. **One EACH UNIT**

Quizzes - Quizzes will be given frequently to assess student progress.

Tests - Tests will be given at the end of each unit

VHS MATHEMATICS Geometry TEST-RETAKE:

- Students will be allowed to retake **TWO** tests per semester **OR**
- Students will be allowed to receive extra points on all tests.
- To RETAKE or receive EXTRA points students MUST:
 1. Complete CORRECTIONS IN SCHOOL during a tutoring session.
 2. Parent & student must sign contract
 3. Student must complete ck12.org RETEST Quiz and receive at least 70.

Make-up Procedures (for absences from school) – **5 DAY WINDOW**

1. Student is responsible for making up any/all missed work including getting notes from google classroom.
2. If a test or quiz is missed, it must be made up during a TUESDAY class period
3. A test or quiz must be finished in **one** visit.

NI's (NON-Instructional Absence)– PLEASE Make sure you understand when you have an NI, you are responsible for what we have done in class. Quizzes and tests MUST be scheduled upon return and homework should be completed. It is YOUR responsibility to check Google Classroom to see what you missed. An NI is not a FREE day. It is not the same policy as if you were out sick. Be responsible for your work.

Teacher Expectations

1. Be on time to class.
2. Follow all handbook rules, including COVID procedures; be respectful.
3. **Be prepared to learn, including bringing all school supplies every day!**
4. Absolutely no food, drinks (except water in a clear bottle with top), or gum in the classroom.

Classroom Consequences

1. Reminder of classroom expectations
2. Teacher Detention and Parent Notification
3. Office Referral

Google Classroom: Students are expected to log into google classroom daily. The following will be available on google classroom.

1. Daily lessons & videos
2. Copies of notes and classwork/homework
3. Ck12 Assignments
4. Additional resources

Students are expected to check BOTH school email and google classroom messages regularly.

CHEATING of any kind will not be tolerated. The following are examples of cheating.

1. Giving out or copying homework via in school or in a virtual setting.
2. Giving or receiving assistance during an assessment.

The above will be sufficient grounds for a zero to be given to BOTH students for that particular assignment.

As defined by Dictionary.com, **cyberbullying** is *“the act of harassing someone online by sending or posting mean messages.”* Please keep in mind that the google classroom communication system is designed to work as an extension of the classroom; therefore, anything done on the site through the access of a school course group code will be treated the same as if it were said aloud in the classroom. Inappropriate comments or use of the site can result in disciplinary action.

Important Point

I am here to aid students in successfully learning mathematics. If at any time you need additional assistance or clarification, please, contact me as soon as possible. I will do whatever I am able to assist you; your success is my priority.

GEOMETRY

Dear Parent/Guardian:

Please, fill in all the following information regarding your student to ensure that I have accurate contact information. I will keep the information on file and use it to contact you regarding your student’s progress.

Student’s Name (First & Last): _____

Mother/Guardian’s Name: _____ Relationship: _____

Cell Phone: _____ Mother’s E-mail address: _____

Would you like to receive TEXT messages? YES _____ NO _____

Father/Guardian’s Name: _____ Relationship: _____

Cell Phone: _____ Father’s E-mail address: _____

Would you like to receive TEXT messages? YES _____ NO _____

AND

Scan the QR code to fill out this information electronically so that I have this information in multiple locations! THANK YOU! 😊



Please feel free to list any comments or any information you see as important to your student’s success in his/her math course. Please email me with ANY questions!

Please, sign below to acknowledge that you have read the syllabus for **Geometry**. Return to Mrs. Sloan by Tuesday, August 10th.

Parent Signature: _____ Date: _____

Student Signature: _____ Date: _____