

PRE-AP GEOMETRY SYLLABUS

Carnegie Vanguard HS (2020-2021)

Mr. Kulkarni

09/04/2020

Text Book/Materials:

The book *McDougal Littell Geometry*, by Larson, Boswell, Kanold, and Stiff will be used as the primary textbook. A set will be available in class. Many homework assignments will be from the textbook, but some homework assignments may be from the other resources. There are also several topics either not included in the book, or not adequately covered in the book. For these topics students will receive additional handouts to supplement the book. *Students should take notes daily, as class notes are more detailed than the textbook and contain many more examples.*

Calculator Usage:

Many of the concepts in Geometry do not require the use of a calculator, so students will not always use a calculator in class. TI-84 Plus graphing calculators will be used frequently, but for the purpose of exploring concepts and doing more challenging problems rather than simple operations or computations. Some tests and quizzes will allow the use of calculators and some will not.

Independent work/Homework: (Minor Grades)

Homework will be assigned weekly, and posted online (at the school website, www.carnegievanguard.com, or on the HUB, depending on the teacher) and/or on the board in classroom. Homework will be issued from the textbook as well as in the form of handouts. The purpose of homework is to provide students with practice and feedback about their understanding of concepts and skills. Homework is extremely important for mastering the concepts and students must work diligently to complete it; students may discuss homework problems with each other, but each student must complete their own assignments and show their own work. If a student is absent the day a homework assignment is due, it must be turned in on the next day. If a student does not turn in a homework assignment on the due date, they may turn it in one day late for a maximum grade of 70. If a homework assignment is turned in more than 1 day late, the maximum grade is 50. No homework will be accepted one week after the due day.

Students are expected to keep a notebook including all notes and examples from class. All notes should be clearly labeled and dated. There will be a notebook check accordingly.

Homework assignments, notebook checks, in-class warm-ups, and other daily classwork will be worth 10% of the cycle grade.

Memory Quizzes:(Minor grades)

Each unit of study will include one or more memory quizzes, which may or may not be announced in advance. Memory quizzes are short pop quizzes designed to assess student's retention and understanding of important mathematical vocabulary, formulas, and geometric concepts. Memory quiz grades will be worth 10% of the cycle grade.

Written Quizzes: (Major Grades)

Each unit of study will include either one or two written quizzes, which will be announced in advance. Written quizzes are short, usually between 5 and 10 questions, and designed to assess individual concepts or skills. Written quiz grades will be worth 30% of the cycle grade.

Tests (Major Grades)

There will be a test at the end of each unit. Tests are comprehensive, designed to be challenging and to test concepts and skills in multiple ways. Each test will include a short multiple choice section and a variety of free response questions. Some tests will allow the use of a calculator and others will not. There will be three or four tests per grading cycle. Tests will be worth 50% of the cycle grade.

*If you are absent on the day of a test or a quiz, you must make up the test or quiz within **THREE (3) days**. Schedule make-ups with your teacher as soon as you return. Failure to make up a quiz or test may result in a grade of zero.*

Test/Quiz Retake Policy:

Each student may retake up to 2 quizzes or tests on which they received a failing grade each grading cycle. The retake will be an alternate assessment on the same content; the highest grade to be entered into the gradebook for a retake is 70. Students must request the retake in writing *using an official retake request form* within 24 hours of receiving back the assessment. Students must come in for tutoring at least once before they will be permitted to take the retake. The retake will be scheduled during SSEP or lunch within one week. Students must show up to take the retake at the scheduled time; no-shows will not be rescheduled and the original grade will remain in place.

Grading Policy Summary:

Grades will be computed using a weighted grading scale. The number of assignments in each category may vary from cycle to cycle, but the final grade will always be computed in the same manner:

Major Grades (Tests/ Written Quizzes):	70%
Minor Grades(Debrief/Classwork/ Homework mem quiz):	30%

Supplies Needed for Class:

- A binder to be used exclusively for Geometry.
- Stylus
- Multiple pens (for notes) and pencils (for everything else)
- A small geometry set (with at least a ruler, a protractor, and a compass)
- A calculator (a scientific calculator that can calculate exponents, square roots, and the sine, cosine, and tangent functions is strongly recommended)

Tutorials/Extra Help:

I am available during SSEP or lunch most days to answer questions or provide extra help. Every student is welcome to come to us. If you wish to come in for help during SSEP, please let us know a day in advance so we can give you a pass and plan accordingly. It is our goal that every student be successful in Pre-AP Geometry, so don't be shy if you have questions or need help. You can also contact us by email as follows:

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