



Geometry - Course Syllabus
1st and 2nd Semester – 2018 - 2019

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Classroom Expectations:

- Be Kind: Treat others with respect and compassion.
- Be Connected: Actively participate in class by paying attention, taking notes, and doing the activities. No cell phone use in class during instruction.
- Be Responsible: Complete homework and classwork on time, study for assessments, and come in during Pride Period for help. Keep trying! Failure just means you have to try harder, get help, or do things differently; it does not mean you can't "get it" or "it's too hard."

Course Description:

This course serves as the second course in the mathematical sequence. Students will formalize their geometry experiences from elementary and middle school, using more precise definitions and developing careful proofs; represent problem situations with geometric models; classify figures in terms of congruence and similarity; deduce properties of and relationships between figures from given assumptions; and translate geometric figures to an algebraic coordinate representation and algebraic models; apply right triangles and trigonometry. Through the use of dynamic software, students will gain an understanding of the relationships among mathematical figures and become active participants in the inductive and deductive processes of thinking. Students will actively engage in hands-on project based learning experiences throughout.

Assignments and Assessments:

- Summative Assessments are worth 65% of the student's marking period grade. Summative assessments will be given at the end of each unit.
- Classwork (at least 6 per Quarter) is 15% and homework (at least 6 per Quarter) is 10% of the marking period grade. All work must be shown to receive credit for classwork and homework. Classwork and homework are not eligible for redo. The quarterly exam is 10% of the marking grade and not eligible for redo.
- Homework will be assigned most nights and sometimes in class from various resources including the textbook, worksheets, and computer programs.
- **Students will have an opportunity to improve their score on a summative assessment. Students are expected to complete and submit the original assessment by the due date and all previous assignments that led up to the assessment on time.**
- Grading Scale: A = 90-100%, B = 80-89%, C = 70-79%, D = 60-69%, E = 59% - 0%
- Final Semester Grade is based on 50% of 1st MP plus 50% of 2nd MP.

Class Supplies:

- Pencils are highly recommended for class. Students MUST use pencil on any assessments.
- Three Ring Binder is highly suggested, since most (if not all) of our notes and classwork will be on paper and will be hole punched.
- I also recommend having a folder.
- You may get paper. However, I will have paper provided along with graph paper.
- Notecards are highly recommended for vocabulary terms. Geometry has a lot of vocabulary and you need to know the vocabulary to be successful in Geometry.

Additional Help:

- Students may get help during PRIDE period or after school by appointment.
- Students may arrange for a student tutor through the National Honor Society.
- The TAAAC office in Annapolis has a list of available tutors. The website is: <http://www.taaaconline.org/need-help.html>, and the number is: (410) 224-3330.
- There are many reliable video and tutorial resources on the internet as well. This will be discussed more in class.
- Additionally, students may log onto the Anne Arundel County Public Libraries website for live help.

Helpful Websites

- Khan Academy: www.khanacademy.org/
- Library Help Site: www.aacpl.net – Homework Center – Help Now
- hippocampus.org

Cellphones

- No cellphones during lectures.
- You may put your cellphones in the cellphone caddy (in your assigned number) and you can charge it.
- Every day you do this, you get a bonus point towards your classwork grade.
- You may listen to music during classwork, as long as I don't hear it and you aren't playing games.
- If I catch you playing any games, then this could lead to you losing your privilege of listening to your music or you may be given a referral.

Student Information Sheet

Student Name:

Student Signature:

Parent Name:

Parent Signature:

Parent Email: