

Geometry

E-mail: bmurphy@siprep.org

Voice mail: 731 – 7500 x 6705

My Schedule								
7:45-8:15	1	2	3	4	5	6	7	2:30-3:30
By Appointment	Math Resource Room 103	Geometry Acc Room 219	Geometry Acc Room 219		PreCalculus Acc Room 219	Geometry Acc Room 219		By Appointment

Required Text: *Geometry (Holt McDougal)* Burger, Chard, Kennedy, Leinwand, Renfro, Roby, Seymour, Waits (Digital Text)

Course Description: This course follows generally the description of the traditional geometry course but also includes more proof (direct and indirect; in two-column, flow, and paragraph form). Within the context of Geometry, the Accelerated course includes more challenging algebraic applications, such as solving quadratic equations. It also includes an introduction to analytic geometry and trigonometry, helping to prepare students for Precalculus.

Screencasts

Screencasts are designed to introduce topics outside of class in order to allow more efficient use of class time. Screencast solutions are designed to walk you through the problem solving process on specific problems in order to help you further develop your own problem solving skills.

Class Expectations

Pay attention to your learning. The grade will take care of itself.

- Problem solving in class is like piloting a flight simulator. You can learn from mistakes without consequences.
- If you don't know or remember something, **look it up** (except on an assessment of course). Use the resources you have such as iPads, books, notes, classmates, etc.
- Be cooperative with not only the teacher but with each other. A positive learning environment depends upon everyone. This means respect each other's feelings, physical space, and property.
- When working in groups, maintain your "table voices".
- The question "Will this be on the test?" will only be answered during the last five minutes of any class period.

- **Bring to class everyday:**
 1. Your iPad since the text is digital. It is accepted but not required that you do your written work on your iPad. It will also help if you keep a pair of ear buds handy as well for the (rare) occasions when I ask you to watch a screencast in class.
 2. Paper and pencil even if you prefer to do your writing on your iPad. You will be asked at times to do work without any electronic aids.
 3. Your graphing calculator (TI 83 or higher)
 4. Desmos app for the iPad is recommended. While you can use the web version this app is free and runs more quickly.
 5. A compass
 6. A measuring straight edge (ruler or protractor)

- **Warm ups:** Be ready to do a warm up problem every day. Warm up problems will be given to you as class begins and you will be expected to begin working on it at the bell *without prompting*.

- **Cell phones:** Cell phones that are out in class will be confiscated for the duration of the school day. Chronic offenses on this policy will be referred to the Dean's Office.

- **iPad Usage:** All iPad apps are to be cleared upon entering class. Students are to have their iPads flat on your desk when in use. Non-academic use of iPads is not allowed. On first offense, the iPad will be confiscated for the duration of the period. Repeated offenses on this policy will be referred to the Dean's Office.

- **Board Review:** Be prepared every day for problem solving on the board. Students may be selected at random for board presentation of classwork/homework problems. If you are called you may 'draft' one classmate to accompany you to the board for assistance but you must remain at the board to answer questions that students may have about your work until the board review session is over.

- **Absences:** It is your responsibility to find out the assignments and tests missed while absent. Weekly assignments will be posted on the homework site. See me in the event of any long-term absence.

- **Retreats:** You will be given a reasonable amount of time, usually a week, to complete all homework assignments and assessments. It is your responsibility to inform me of this absence prior to the retreat. Consult with classmates or the homework site for assignments and tests. In such cases an individual due date for make-up assessments will be posted on PowerSchool.

Grading Policy

Standards Based Grading

Students will be graded by assessment of skills (or Standards) specific to each section covered in the text. While the cumulative grade in the class is the quantitative average of each assessment, the midterm, and final exam scores, the assessment of each standard is by rubric and is ***not point based***. This is meant to measure student proficiency throughout the semester in a way that allows the student improvement to be reflected in their grade. Midterm and Final Exams will also be standards based and scored on student performance on the standards covered on the exam. The rubric is as follows:

- 10 - Student has shown mastery of this skill (note: work must be without mistakes of any kind in order to receive this grade)
- 9.5 - Student has shown mastery of this skill but work contains minor arithmetic mistakes
- 9 - Student has shown strong understanding of this standard
- 8 - Student has shown proficiency having taken correctly worked significant steps toward a solution to the problem
- 7 - Student has shown base level competency with incomplete or incorrect solutions showing significant gaps in understanding
- 6 - Student has not shown competence with incomplete or incorrect solutions requiring review of fundamental concepts, demonstrating some recognition of concepts or procedures
- 5 - Student has demonstrated no understanding of the concepts associated with the standard

Assessments & Homework

- Missed assessments must be made up within two weeks or they will become a 5/10 at which point they will count as part of the weekly reassessment limit (see below).
- Students are expected to complete homework assignments as preparation for assessment of the standard(s) being covered.
- Homework must be completed in order for that assessment to count towards their final grade. If a student does not complete the assignment by the time of the assessment the student will receive a default grade of 5/10 until the homework is submitted. If the student receives a 10/10 on the assessment, he/she is exempt from the homework for ***that standard only***. Students may submit the homework via email as either an image file or pdf or through a shared folder.
- Some assessments may contain one or more “surprise” standards. These are past standards that could be reassessed with or without warning on a quiz.

Reassessing Standards

A student may reassess any standard at a maximum of three per week (including assessments not made up within the two week time limit). Reassessment requests must meet the following expectations:

- Homework for standard(s) to be reassessed must be submitted first.
- A Student must make an appointment to review the standard(s) and/or successfully solve a readiness problem on that standard. A student may (and should) review the standard on his/her own but the readiness problem must be done with me. Appointments must be made using only [this form](#). The form is not to reassess but to do review and/or readiness only.
- The grade earned on a reassessment will replace the previous grade *even if the grade is lower than the previous one*.
- A student can only reassess a standard covered in class during the current academic quarter. The deadline to sign up for reassessments for each quarter will be posted on the calendars on this site and on Canvas.
- No reassessments will be given during the week before the first day of final exams.

%	Grade
100-93	A
92-90	A-
89-87	B+
86-83	B
82-80	B-
79-78	C+
77-68	C
67-65	C-
64-55	D
55-0	F

Final Grade	
1. Standards Assessments	80%
2. Midterm Exam	10%
3. Final Exam	10%