



Syllabus

Course: Geometry

Year Long Course

Year: 2020-2021

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Office hrs/Availability: By appointment	Office hrs/Availability: By appointment	Office hrs/Availability: By appointment	Office hrs/Availability: By appointment

Course Description/Overview: This is a required course students typically take during their 9th or 10th grade year. Geometry students will study points, lines, line segments, rays, planes, and vectors in their exploration of angles, polygons, circles, lengths, areas, and volumes. Emphasis will be placed on congruent figures, as well as similar figures and their ratios, and right triangle trigonometric ratios. The concept of proof will be investigated and the utility of logic will be emphasized. Algebraic skills will be used to build further understanding of the interconnectedness of mathematics.

Required Materials: Students should have the following:

- Pencil
- Notebook
- Textbook
- Scientific Calculator
- Protractor
- Compass
- Ruler/Straightedge

Course Units and Summative Assessments: Below is a tentative schedule for the year with specific topics to be covered as outlined by the Minneapolis School District. Students will take a summative assessment at the end of each unit known as the Benchmark.

Quarter 1: Unit 1: Building blocks of geometry Unit 2: Triangles and their properties	Quarter 3: Unit 4: Quadrilaterals and their properties Unit 5: Polygons and their properties
Quarter 2: Unit 2: Triangles and their properties Unit 3: Triangles and Trigonometry	Quarter 4: Unit 6: Circles Unit 7: Solids

Grading: Grades will be determined by the student’s ability to demonstrate understanding of prescribed standards and learning targets for each unit.

100% A	Exceeds learning target.
92% A	Consistently meets or exceeds learning target(s)
87.5% A-	
83.5% B+	
79% B	Consistently meets learning target(s)
75% B-	
71% C+	
66.5% C	Generally meets learning target(s)
62.5% C-	
58.5% D+	
54.5% D	Occasionally meets learning target(s)
52% D-	(any percentage lower than 52% will be receive an F)
50% No Credit	Despite attempt, does not meet learning target(s)
0 – 49% No Credit	Does not meet learning target(s) and did not attempt the problem / did not show evidence of learning that occurred in or outside of class.

*Grading modifications may be made for students with IEP or 504 plans.

Grade Make-Up:

(50%) Summative Assessments – Assessments will include tests, quizzes, and projects. Students will have quizzes roughly every two or three weeks depending on the unit.

(50%) Formative Assessments: Practice and Participation - This includes homework, class work, participation in Google Meets, etc. Students will typically receive feedback/grade on their homework 1-2 days after turning it in. Homework is meant to help students practice concepts and prepare for assessments.

Missing & Late Work: All assignments for a unit must be turned in prior to the end of a unit. All late and missing work needs to be completed before summative assessment. Late and missing work will receive a B or lower.

Extra Credit: Extra credit will not be given. Students may retake most assessments and redo most assignments.

Re-Learning and Retakes: In order to complete a retake, students must arrange a time to meet with the teacher individually to discuss the first assessment. Next steps will be discussed in the meeting to complete the retake.

Distance Learning Expectations: All students will be expected to:

1. Be Present

- During any Google Meet your **screens** should be **on** (unless indicated otherwise by me)
- Be on **mute** unless speaking or asked to be off mute
- Personal electronics (not being used for Meet) should be away and silenced
- If you need to walk away for ANY reason, then indicate so in the chat

2. Be Prepared

- Be on Google Meet when class begins (just like in class)
- Have materials ready
(electronic device, charger available, calculator, paper, writing utensil)
- Complete any assignments prior to due date
- Come with questions
- Check email daily

3. Be Productive

- Be ready to spend two hours (or one hour on Wed) devoted to this class at its designated time
- Class will start with Google Meet
- Come ready to engage in the day's learning activities.
- When writing in the chat, it should be relevant to the class

4. Be Positive

- Come to class with a good attitude and abide by classroom policies.
- Always be positive in interactions with teacher and classmates.

5. Demonstrate Miller PRIDE

Professional – Treat school like it is your job. Show up on time, focus on your work, and abide by school dress code.

Respectful – Treat others the way you want to be treated. Abide by expectations of the classroom, including electronics policies. Use respectful language.

Integrity – Give an honest effort in class; you will get out of it what you put in. Be accountable for your own learning.

Determination – Stay positive and keep trying even if it gets difficult. Do not allow the attitudes or behavior of others to distract you from your goals.

Excellence – Do your best work. Push yourself to achieve more. Don't settle for just getting by.

Getting Help: If a student does not understand the material, then he/she needs to contact the teacher for help (during class or via email). The student and teacher will arrange a time to meet virtually.

Communication: E-mail is the best way to get an immediate response. I check my e-mail frequently. My email address is Cynthia.Jones@mpls.k12.mn.us . I will regularly update the Google Classroom page, which all students will have access to and be expected to check daily.