

Mrs. Delorit – GEOMETRY Online Remote Learning Plan

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****NOTE:** the NON-DIGITAL alternative assignments are listed at the bottom of this page.

We will be using Google Classroom and Khan Academy for Geometry during the time schools are required to be closed. Please check your school email and Google Classroom daily throughout each week for announcements and updates. Be flexible!

Khan Academy Code: join using the link sent to your school email account OR visit www.khanacademy.org/join and enter your class code. You should use your school email accounts to sign in/up.

FYI: Google Classroom and Khan Academy have apps you can use on your phones, if desired.

2nd Period Geometry: **Google Classroom Code:** j3lsiki
Khan Academy Code: 2GR8X75Y

3rd Period Geometry: **Google Classroom Code:** mrinvlh
Khan Academy Code: HQFSR4EZ

5th Period Geometry: **Google Classroom Code:** 5w6kwgh
Khan Academy Code: BW4EMQQ6

6th Period Geometry: **Google Classroom Code:** ypxdsxn
Khan Academy Code: 8PHXNGHJ

7th Period Geometry: **Google Classroom Code:** vvtxti4
Khan Academy Code: N5EXN7J2

Units Covered

The following is a list of the Geometry units we will be covering during this time:

Unit 7: Solid Geometry

Unit 8: Right Triangles & Trigonometry (potentially)

Unit 9: Transformations (potentially)

Unit 10: Circles (potentially)

Assignments (will show up with due dates in Khan Academy)

I will be asking each of you to complete various assignments, activities, practice problems, videos, etc. in Khan Academy. The assignments will be related to the topics listed above. There will be due dates for each assignment and those due dates will be communicated to you in your Khan Academy accounts. All progress is tracked in Khan Academy so there will be no need to turn in any work to me.

Mastery Challenges (will not show up with due dates in Khan Academy)

You will also be using Khan Academy to review previously learned content and demonstrate mastery of those skills. Your mastery level will be automatically tracked and is self-paced. Students who need to spend more time reviewing, will be able to do so, while students who have already mastered content will be able to speed through and move on to the next topic. Khan Academy will prompt you to take a Mastery Challenge based on your progress (these will not be assigned by me).

Mastery Dash

This is a competition for bonus points! At the end of each week, I will check student progress. The students with the highest % mastered, most points earned, and biggest improvement in Khan Academy will **receive bonus points for that week**.

Expectations

- Check Google Classroom and school email daily (M-F) for updates
- Complete assignments in Khan Academy by the due date
- Achieve 25% mastery of all Geometry skills in Khan Academy by the end of Quarter 4. **Bonus points awarded for every 10% beyond 25% mastery level.**
- Spend a minimum of 125 minutes working in Khan Academy each week. This averages to 25 minutes per day (M-F). ○ Please note: The teacher dashboard shows how long each student takes per question. So, I will know if you logged in and just sat on a question to let the 125 minutes pass by, or if you were really working during that time.
- Ask me for help! See below regarding office hours and help sessions.

Office Hours and Live Video Help Sessions (not mandatory)

Office Hours: Monday, Wednesday, Friday 10-11 am

Live Video Help Sessions: Tuesday, Thursday 1-2 pm

Office Hours will be a time you can expect a response back to your questions posted in Google Classroom. So, if you're looking for a quick response to a question of yours, ask the question during office hours. However, you are encouraged to send messages or post questions at any time! If you ask a question outside of office hours, I may not be available to answer it immediately, but I will get a response to you as soon as possible. Use the Google Classroom Stream so others in the class can benefit from your questions and/or help you if I'm not available.

I will be holding two, live video help sessions each week. I will post a link in Google Classroom for you to join the video session. I will also try to record each session and post them in Google Classroom so they can be viewed at any time.

Please keep in mind, you can always email me to set up a time for individualized help!

Geometry (Non-Digital) Remote Learning Plan

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You will be working through the same content as students using Khan Academy, only you'll be using a text book. Read each section. Take notes. Then complete the Check Your Understanding problems at the end of the lesson. Please see the assignments and due dates below. Please hold on to all assignments and I will collect them when we return to school, along with the books. Make sure each assignment has your name, the book section, and the page numbers written across the top.

Unit 7: Solids (All sections due by March 30)

- 12-2 Surface Areas of Prisms and Solids
 - Read and take notes on pages 846-849
 - Check Your Understanding page 849 #1-8
- 12-3 Surface Areas of Pyramids and Cones
 - Read and take notes on pages 854-858
 - Check Your Understanding page 859 #1-6
- 12-4 Volumes of Prisms and Cylinders
 - Read and take notes on pages 863-865
 - Check Your Understanding page 866 #1-9
- 12-5 Volumes of Pyramids and Cones
 - Read and take notes on pages 873-875
 - Check Your Understanding page 876 #1-9
- 12-6 Surface Areas and Volumes of Spheres
 - Read and take notes on pages 880-883
 - Check Your Understanding page 884 #1-9

Unit 8: Right Triangles and Trigonometry (potentially...All due April 9th)

- 8-2 The Pythagorean Theorem and Its Converse
 - Read and take notes on pages 547-551
 - Check Your Understanding page 551 #1-8
- 8-4 Trigonometry
 - Read and take notes on pages 568-572
 - Check Your Understanding page 573 #1-15
- 8-5 Angles of Elevation and Depression
 - Read and take notes on pages 580-582
 - Check Your Understanding page 583 #1-3

Unit 9: Transformations (potentially...all due May 12th)

- 9-1 Reflections
 - Read and take notes on pages 623-626
 - Check Your Understanding page 627 #1-9
- 9-2 Translations
 - Read and take notes on pages 632-634
 - Check Your Understanding page 635 #1-7
- 9-3 Rotations
 - Read and take notes on pages 640-642
 - Check Your Understanding page 583 #1-4
- 9-6 Dilations
 - Read and take notes on pages 674-676
 - Check Your Understanding page 677 #1-8

Unit 10: Circles (potentially...all Due May 28th)

- 10-1 Circles and Circumference
 - Read and take notes on pages 697-700
 - Check Your Understanding page 701 #1-9
- 10-2 Measuring Angles and Arcs
 - Read and take notes on pages 706-709
 - Check Your Understanding page 710 #1-11
- 10-3 Arcs and Chords
 - Read and take notes on pages 715-718
 - Check Your Understanding page 718 #1-6
- 10-4 Inscribed Angles
 - Read and take notes on pages 723-726
 - Check Your Understanding page 727 #1-10
- 10-5 Tangents
 - Read and take notes on pages 732-735
 - Check Your Understanding page 735 #1-8
- 10-8 Equations of Circles
 - Read and take notes on pages 757-759
 - Check Your Understanding page 760 #1-12