Teacher: Mr. Palsson **Subject: Geometry** **Date 5/4-5/8** **Weekly Planner for week 3**

Welcome to our Distance Learning Classroom!

Student Time Expectation per day: 30 minutes

Content Area & Materials	Learning Objectives	Tasks	Check-in Opportunities	Submission of Work for Grades
		• Digital Option. **Check mpalsson.weebly.com daily.** • If you don't have internet access there will be a paper package available at KHS.	• Email me: mpalsson@tusd.net. I will reply back to you the same day. Take a photo of your math problem and attach it to the email.	• You will do daily quizzes at Khan Academy or take a photo of your work and send it to **mpalsson@tusd.net**
GEOMETRY: Unit 7 Circles (16.2, 16.3, 17.1)	**During this week you will learn about:** *** Arc Length and Radian Measure.** *** Sector Area** *** Equation of a circle**	On Khan Academy and on my webpage: Students will watch the videos, read the notes, take notes, read articles and do the exercises/quizzes in preparation for a Unit 7 Test on Friday 5/8 (This will be an open book test on join.quizizz.com).	My office hours are 11 am – 1 pm Monday-Friday. However, you can email me anytime. I will get back to you as soon as I can.	Students are to watch videos and read articles and take notes, including sample problems and terminology, Students will be graded on completion and correctness on all activities (videos, articles, exercises/quizzes and Unit Tests)
	Mr. Palsson will post daily instructions related to the work on his website at mpalsson.weebly.com			
	.			

Teacher Office Hours *2 hours daily (all classes):*	Monday 11-1	Tuesday 11-1	Wednesday 11-1	Thursday 11-1	Friday 11-1
	Take a photo of your math problem and email your questions to mpalsson@tusd.net	**Take a photo of your math problem and email your questions to mpalsson@tusd.net**	**Take a photo of your math problem and email your questions to mpalsson@tusd.net**	**Take a photo of your math problem and email your questions to mpalsson@tusd.net**	**Take a photo of your math problem and email your questions to mpalsson@tusd.net**

Detailed Lesson Plans for week 3 of distance learning, 5/4-5/8

Students should go and check mpalsson.weebly.com every morning in case there is an update.

WEEK # 3 (DEADLINE FOR KHAN ACADEMY ASSIGNMENTS IS THURSDAY 5/7 AT 11.00 PM):

mon 5/4

16.2. **Arc Length and Radian Measure**

First, read the notes:

16.2_notes_copy.jpg

Solve the problems below on a piece of paper, take a photo and put your period, last name, first name in the subject line of your email to mpalsson@tusd.net

arc_length.png

degrees_to_radians.png

radians_to_degrees.png

tue. 5/5

16.3. **Sector Area**

First, read the notes:

16.3.jpg

Solve the problems below on a piece of paper, take a photo and put your period, last name, first name in the subject line of your email to mpalsson@tusd.net

16.3_work.png

16.3_work_pizza_problem.png

wed. 5/6

17.1. **Equation of a Circle**

Read the notes:

screen_shot_2020-04-14_at_10.22.45_am.png

Go to Khan and watch the 3 video-clips and do the 3 exercises/quizzes.
The concept today might be a little challenging. But just try your best and
I will give you a descent participation grade for effort even if you don't ace all the exercises/quizzes.

Some thoughts about the Khan videos before you start watching them:

- (h,k) is like a coordinate point (x,y) but has to do with the middle point of a circle.

- If h=0, then (x-h)^2 becomes x^2. And the same if y=0, then (y-k)^2 becomes y^2.
- What is h and k if you see this: (x-5)^2 and (y+7)^2 ? The easiest way to think about this is to just change the sign. So h=+5 and. y=-7.

- For the third video an easy way is to just count the squares. So in the example you can count 7 squares movement between the h and the x, and 5 squares between the k and the y. Then square the numbers: 7^2 and 5^2, which is 49+25, which is 74.

thu 5/7

Use today to review what you have done this week and last week.
There will be an open book test tomorrow.
Here are some review examples:

screen_shot_2020-04-14_at_10.22.45_am.png
screen_shot_2020-04-14_at_10.27.28_am.png
screen_shot_2020-04-14_at_10.28.02_am.png
screen_shot_2020-04-14_at_10.29.19_am.png
screen_shot_2020-04-14_at_10.30.05_am.png
screen_shot_2020-04-14_at_10.32.04_am.png
screen_shot_2020-04-14_at_10.33.03_am.png

fri. 5/8

Open book UNIT TEST on Circles (week 2 and week 3) on quizizz.com. Go to join.quizizz.com and put in the code for your period: