

Teacher: Mr. PalssonSubject: GeometryDate 5/18-5/22

Weekly Planner for week 5

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
GEOMETRY: Unit 8 Surface Area of various geometric shapes.	During this week you will learn about: <ul style="list-style-type: none"> <li>• Cross-Sections and Nets</li> <li>• Surface Area of Rectangular and Triangular Prisms</li> <li>• Surface Area of Cylinders</li> <li>• Surface Area of Cones, Spheres and Pyramids.</li> </ul>	<ul style="list-style-type: none"> <li>• Digital Option. <b>Check <a href="http://mpalsson.weebly.com">mpalsson.weebly.com</a> daily.</b></li> <li>• If you don't have internet access there will be a paper package available at KHS.</li> </ul>	<ul style="list-style-type: none"> <li>• Email me: <a href="mailto:mpalsson@tusd.net">mpalsson@tusd.net</a>. I will reply back to you the same day. <b>Take a photo of your math problem and attach it to the email.</b></li> </ul>	<ul style="list-style-type: none"> <li>• You will do daily quizzes at Khan Academy or take a photo of your work and send it to <a href="mailto:mpalsson@tusd.net">mpalsson@tusd.net</a></li> </ul>
	<b>Mr. Palsson will post daily instructions related to the work on his website at <a href="http://mpalsson.weebly.com">mpalsson.weebly.com</a></b>			
Teacher Office Hours 2 hours daily (all classes):	Monday 11-1 <b>Take a photo of your math problem and email your questions to <a href="mailto:mpalsson@tusd.net">mpalsson@tusd.net</a></b>	Tuesday 11-1 Take a photo of your math problem and email your questions to <a href="mailto:mpalsson@tusd.net">mpalsson@tusd.net</a>	Wednesday 11-1 Take a photo of your math problem and email your questions to <a href="mailto:mpalsson@tusd.net">mpalsson@tusd.net</a>	Thursday 11-1 Take a photo of your math problem and email your questions to <a href="mailto:mpalsson@tusd.net">mpalsson@tusd.net</a>
	Friday 11-1 Take a photo of your math problem and email your questions to <a href="mailto:mpalsson@tusd.net">mpalsson@tusd.net</a>			

## Detailed Lesson Plans for week 5 of distance learning, 5/18-5/22

Students should go and check [mpalsson.weebly.com](http://mpalsson.weebly.com) every morning in case there is an update.

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**WEEK # 5 (The assignments for this week will NOT be graded. But they will be useful in Algebra 2 so do them anyways!)**

**mon. 5/18**

### **19.1 Cross-Sections and Nets**

On Khan:

- 1) Video-clip: "Slicing a Rectangular Pyramid)
- 2) Video-clip: "Intro to nets of polyhedra"
- 3) Exercise/quiz: "Nets of polyhedra"

**tue 5/19**

### **19.2. Surface Area of Rectangular and Triangular Prisms**

On Khan:

- 1) Video-clip: "Surface area using a net: Rectangular Prism"
- 2) Video-clip: "Surface area using a net: Triangular Prism"
- 3) Exercise/quiz: "Surface Area using Nets"
- 4) Exercise/quiz: "Surface Area Word Problems"

**wed. 5/20**

### **19.2 Surface Area of Cylinders**

On Khan:

- 1) Go to 3.25 on the timeline and watch this video-clip: "Cylinder volume and surface area"
- Take notes of the video-clip.

**thu. 5/21**

### **19.3 Surface Area of Cones and Pyramids**

- 1) Watch this video-clip of the surface area of a Cone (Take notes!):  
[www.youtube.com/watch?v=pkWED4nyCHA](http://www.youtube.com/watch?v=pkWED4nyCHA)
- 2) Watch this video-clip of the surface area of a Pyramid (Take notes!):  
[www.youtube.com/watch?v=i31InzuKabY](http://www.youtube.com/watch?v=i31InzuKabY)

**fri. 5/22**

### **19.4 Surface Area of Spheres**

- 1) Watch this video (Take notes!):  
[www.youtube.com/watch?v=WROccOAozXo](http://www.youtube.com/watch?v=WROccOAozXo)
- 2) Do the surface area worksheet below. Look back at your notes or the video-clips that you have seen this week. In the bottom of the worksheet you can check if you got the right answers.  
[cdn.kutasoftware.com/Worksheets/PreAlg/Surface%20Area%20of%20Solids.pdf](http://cdn.kutasoftware.com/Worksheets/PreAlg/Surface%20Area%20of%20Solids.pdf)