

Q4 Week April 10-14, 2023

Mrs. Sarah Pletcher LESSON Overview

Monday is NO SCHOOL so Pickup with TUESDAY Day A

TUTORING period

-Day A Homeroom and Tutoring

-Day B Club

Bullet list of Setup/Links for classes

- Google Classroom setup is done for each class with daily logs.
- BigideasMath.com has online assignments that reflect textbook problems. https://bigideaslearning.magicsw.com/ebookreader/launchbook.htm?id=1432&userType=RUNPTV9VU0VS&_id=1678662217046 --- not sure this works for all as through account so see students account for book
- <https://pa02218971.schoolwires.net/Domain/121> Webpage for this public viewing
- Powerschool Gradebook has final determined grades.
- Geometry Keystone Sampler link: Has our main Formula Sheet
<https://static.pdesas.org/content/documents/Geometry%20Keystone%20Assessment%200Anchors%20and%20Eligible%20Content%20with%20Sample%20Questions%20and%20Glossary%20April%202014.pdf>

Scroll down to see the different periods table of lesson overviews in this pdf.

Period 1, 3, 4: Geometry

Daily IEP accommodations for period 4: co-teacher in room, preferred seating arrangements, peer assistant, google classroom access for co-teacher

Day	Objective	Activities	Assessment	Additional Accommodations / Modifications								
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Monday												
Tuesday	Use surface area formulas and concepts for cones, pyramids, and composite figures.	Period 1: Work on completing the physical model and finding the surface area of the figure. . Period 3&4 will be working on page 6 & 7 Composite figures in packet.	Cw participation Cw completion	ID students in class support								
Wednesday	Continue	Review for Test	Cw participation Cw completion	ID students in class support								
Thursday	Be assessed on calculating surface area, including composite figures.	TEST with packet and formula sheet use ---	TEST Packet of Notes Graded									
Friday	Review Similarity ratio.	Relate Back: Review with similar solids on finding a cubes- face perimeter, area, total surface area, volume. Then take it and triple the dimensions and repeat. Discuss the ratio in perimeter, area, surface area, and volume.	Cw participation									

Period 2 College Prep Geometry

Daily enrichment options: Subgroups in online assignments for alternate exercises, if needed/requested.

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Monday												
Tuesday	Chapter 11 Section 5, 8: Use the volume formulas for solids such as cylinder, prisms, and spheres.	Opener: Student Journal pg. 337 - 338 on volume of prisms and cylinders. Notes: Volume of prisms can be simplified as base area times altitude height. Discuss the slant of a cylinder as the difference in the use of the heights (slant vs perpendicular altitude). Spheres are figures with the radius or diameter as height. Show the formulas off sheet. Work on student journal page 352.	Cw completion									
Wednesday	Chapter 11 Section 6,7: Use the volume formulas for solids such as cones and pyramids.	Demonstrate volume of a pyramid as $\frac{1}{3}$ its prism and cone as $\frac{1}{3}$ its cylinder. The area of the bases is the same and altitude but construction to vertex makes the adjustment in formula to $\frac{1}{3}Bh$. Use student journal pgs. 342. 343. & 348	Cw completion									
Thursday	Find the volume of solids, including	Warmup. SJ 348 #8 composite figures - add volumes.	Notes completed, cw participation, hw started.									

	composite figures.	<p>Notes: Composite figures - volume is simply the addition of the solid volume or the subtraction. Discuss the calculations from formulas as related to surface area and volume of composite solids.</p> <p>Work on assignments off bigideasmath.com for today and tomorrow.</p>		
Friday	Practice volume calculations	Bigideasmath assignments workday.	Cw completion	

Period 6: Math 8 Strategies 2

2021 Sampler link:

<https://www.education.pa.gov/Documents/K-12/Assessment%20and%20Accountability/PSSA/Item%20and%20Scoring%20Samples/2022%20PSSA%20ISS%20Math%20Grade%208.pdf>

DAY	Objective	Activities	Assessment	Accommodations
ASSESSMENT ANCHOR				
M08.C-G.1 Demonstrate an understanding of geometric transformations.				
DESCRIPTOR				
ELIGIBLE CONTENT				
M08.C-G.1.1 Apply properties of geometric transformations to verify congruence or similarity.		M08.C-G.1.1.1 Identify and apply properties of rotations, reflections, and translations. <i>Example: Angle measures are preserved in rotations, reflections, and translations.</i>		
		M08.C-G.1.1.2 Given two congruent figures, describe a sequence of transformations that exhibits the congruence between them.		
		M08.C-G.1.1.3 Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.		
		M08.C-G.1.1.4 Given two similar two-dimensional figures, describe a sequence of transformations that exhibits the similarity between them.		
Monday				
Tuesday	Review day	Check as a class the answers to the 3 slideshow activities for Translation, Reflection, and Rotations from last week. Complete the exit tickets. Students also complete the PreActivity Task for tomorrow and turn it in at the end of the period.	Notes & Cw completion	
Wednesday	Work on Transformation Activity	Break into assigned groups. Review yesterday's preactivity task. Assign the "puzzle" on transformations to layout on paper of the series of transformations. Use this lesson off https://www.map.mathshell.org/lessons.php?unit=8310&collection=8	Cw group completion	

Thursday	Practice identifying transformations in a series.	Use studyisland.com and a group session on rigid and congruent transformations.	Cw participation	
Friday	Practice individually on transformations in a series.	Use studyisland.com and individual sessions on rigid and congruent transformations.	Cw completion	

Period 8: Wednesday/Friday Day B - Enrichment group for gifted projects/lessons
 - look at another Everfi on sustainability. ---

Period 9: Algebra Keystone Advance support - Tuesday (graphing in group sessions), Thursday (individual- studyisland account work)