

**LPHS Geometry Outreach Learning**  
**May 4 – May 8, 2020**

**Geometry - Week of May 4, 2020**

Teacher/Team:

If there are any questions, please feel free to email me/us at:

Link to [TEAMS Folder](#)

Previous Lessons:

Link to: (*Resources*).

R. Ater - [aterw@lpisd.org](mailto:aterw@lpisd.org)

[5<sup>th</sup>](#)  
[7<sup>th</sup>](#)  
[8<sup>th</sup>](#)

[Pearson Realize](#)

**Objectives**

Objective / I Can:

- Determine and describe how changes in the linear dimensions of a shape affect its perimeter, area, surface area, or volume, including proportional and non-proportional dimensional change. (10B)
- Apply the formulas for the volume of three-dimensional figures, including prisms, pyramids, cones, cylinders, spheres, and composite figures, to solve problems using appropriate units of measure. (11D)

**Activities**

Student Activities:

Go to Pearson Realize. Look for the assignment:

1. 14-6: Surface Areas and Volumes of Spheres (Pearson Realize)
  1. Key Concepts
  2. Examples
  3. Practice & Application
2. 14-7: Surface Areas and Volumes of Related Solids (Pearson Realize)
  1. Key Concepts
  2. Examples
  3. Practice & Application

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**Academic/Instructional Support**

Schedule:

Teacher Support - TEAMS

Office Hours

8:00am – 12:00pm, M-F

**To Be Graded**

Assignment for students to submit to TEAMS Folder:

1. 14-6: Surface Areas and Volumes of Spheres (Pearson Realize)  
*(Automatically graded by Pearson Realize)*
2. 14-7: Surface Areas and Volumes of Related Solids (Pearson Realize)  
*(Automatically graded by Pearson Realize)*

When is it due?

8:00am, May 11, 2020

What assignments will the student submit?

1. 14-6: Surface Areas and Volumes of Spheres (Pearson Realize)
2. 14-7: Surface Areas and Volumes of Related Solids (Pearson Realize)

How will it be submitted?

Electronically, except by individual arrangement.