

Accelerated Physical Science Goals Homework Due Friday, January 6, 2017, 3pm.

1. Using the [Course Outline](#) for Accelerated Physical Science look closely at the content we are covering for this semester. We have covered Units 1, 2, and part of 3 so far.
2. From the remaining units choose two standards that you will set goals for learning/mastery this semester.
3. Explore/research 2 different content ideas (video, activity, demonstration, article, etc.) you are interested in exploring to learn those standards and link those below with a brief explanation of the lesson. Make sure to add a link citing the website page on which you found the lesson and then give the brief explanation.

Example:

Standards Choice

SPS6 e. Determine whether common household substances are acidic, basic, or neutral.

Content Idea 1 Household Chemical Scavenger Hunt

Link to Content

<https://www.cpet.ufl.edu/wp-content/uploads/2013/03/Chemistry-Scavenger-Hunt-Clues-Identifying-Household-Chemicals.pdf>

Explanation

A scavenger hunt to find different household chemicals with particular characteristics as defined by clues.

Content Idea 2 Acids and Bases Around the House

Link to Content

<http://www.sciencenter.org/perch/resources/acidsbasesaroundthehouselessonplanfinal2011.pdf>

Explanation

A lesson plan for teaching about the pH and other properties of common household chemicals.

Content Idea 3 Common Household Chemicals and Allergy Risks

Link to Content

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0013423>

Explanation

An article explaining research done on the use of household chemicals and allergy risks in pre-school aged children.

Standard Choice 1	
Content Idea 1	
Link to Content	
Explanation	
Content Idea 2	
Link to Content	
Explanation	

Standard Choice 2	
Content Idea 1	
Link to Content	
Explanation	
Content Idea 2	
Link to Content	
Explanation	

Tips for Searching for Content Ideas

Use the following search engines to refine and look for content that is educational.

<http://www.infotopia.info/chemistry.html>

<https://scholar.google.com/>

<http://journals.plos.org/plosone/>

<https://phet.colorado.edu/en/simulations/category/new>

<https://ed.ted.com/>