

ATOMS, ELEMENTS, AND THE PERIODIC TABLE EXTENSIONS MENU

<p><u>Medical Uses of Isotopes</u></p> <p>Research and write a report on isotopes that are used to diagnose and treat diseases. Some isotopes you might research include ^{67}Cu, ^{68}Ge, You'll need to select at least FIVE isotopes to include in your report.</p>	<p><u>Wanted Poster-Scientist</u> (Visit the following website-Use scientists from Chapter 4)</p> <p>http://www.shellyssciencespot.com/ScientistWantedPoster/ProjectLayout.htm</p>	<p><u>Separating Sawdust and Iron Activity</u></p> <p>Materials: Sawdust and Iron Filings, 500 mL beaker. Mix the two materials together and develop two ways to separate the two materials completely. Use your iPad camera and record how you and your partner accomplished this goal. Make sure that in your video you are very thorough in your explanations of how you separated the materials.</p>
<p><u>Great Moments in Atomic History</u></p> <p>Find out more about the people involved in the discovery of the parts of the atom-where they lived and worked, when they made their discoveries, how the discoveries were made, and other scientists they worked with. Combine your reports to make a class newspaper called "Great Moments in Atomic History".</p>	<p><u>State Element</u></p> <p>See Mr. Heck for details on this activity.</p>	<p><u>Lyrics</u></p> <p>Make up new lyrics to a familiar tune using vocabulary and definitions from Chapter 4. The song can focus on one concept, such as the parts of an atom, or cover the entire chapter's content. Some examples for the familiar tune are "Row, Row, Row Your Boat," "Old McDonald," and "Itsy Bitsy, Spider."</p>
<p><u>Familiar Elements</u></p> <p>Skim the periodic table for symbols and names of familiar elements. Then share with the class the things that these elements with similar properties are found in. Example: Ca- Calcium is found in milk and other food products. You will be using PowerPoint-KeyNote-Prezi or iMovie to share your TEN elements.</p>	<p><u>Make a Model</u></p> <p>Make models of the compounds in Figure 19 p. 114, using materials such as gumdrops and toothpicks. Also include carbon dioxide, and carbon monoxide. Share your models with the class.</p>	Gizmo—"Mystery Powder Analysis" Complete the Exploration Guide and Assessment Questions.