

Day	Academic Objective	Activities	Homework/Assessments	WHY?
TU	Describe the types of energy and the role of energy in the changes of matter.	Discuss chapter 1, pg. 10 – 15a "Energy and Changes in Matter"	<ul style="list-style-type: none"> <li>TPC: 2 activities – see note below; due by 11:59 PM</li> <li>Web post due by Friday, 11:59 PM, Topic – Goal for 2<sup>nd</sup> Term in Chemistry &amp; what you'll do to try to meet it</li> </ul>	As we investigate changes in matter, we can see that God continuously sustains all things throughout the present.
W	Use the types of energy and the role of energy in the changes of matter.	Discuss chapter 1, pg. 10 – 15a "Energy, Heat & Temperature" ACTIVITY: Boiling Water	<ul style="list-style-type: none"> <li></li> </ul>	
TH	Classify matter based on its properties	Discuss chapter 1, pg. 11b - 14 "Classification of Matter"	<ul style="list-style-type: none"> <li>TPC: 2 NEW activities - States of Matter &amp; Classification of Matter – All levels, due by 11:59 PM</li> </ul>	
F	Describe types of elements and organizations of the periodic table	Discuss chapter 1, pg. 20 - 24 "Introduction to the Periodic Table"	<ul style="list-style-type: none"> <li>Pg. 27 - 28: 15 - 21, 25, 27, 28, 33</li> <li>Research Cu, Si and P – see note below</li> <li>QUIZ on symbols of Elements – see note below</li> <li>Web post due by Saturday, 8:00 A.M., Topic – Goal for 2<sup>nd</sup> Term in Chemistry &amp; what you'll do to try to meet it</li> </ul>	

**TPC Activities** – For Tuesday HW, due Tuesday by 11:59 PM

- Which One Doesn't Belong? Chemical and Physical Changes – all levels
- Which One Doesn't Belong? Energy and Chemical Reactions – all levels
  - Hint: Jot notes down on paper as you go through the questions to help build the layers of learning in your brain!!

**Memorize elements & symbols, QUIZ Monday, 10/21.** Elements with these atomic numbers **1 - 58, 60, 61, 74, 76 - 95**

**Cu, Si, and P Research** – Research the noteworthy properties and uses of these three elements using the info at the end of chapter 1. Another great resource for the elements (and for the TEST!!!) are the video clips on copper, phosphorus, and silicon that a group of chemistry researchers have put together at [www.periodicvideos.com](http://www.periodicvideos.com). If you can't get the P video to open, watch it here on YouTube - [Phosphorus - PT Video](#). Watch these and take notes. **The information on these video clips will be on the test.**

**TEST on Chapter 1** Thursday, October 24

"Let today be the day you give up who you've been for who you can become." Hal Elrod

Therefore, if anyone is in Christ, he is a new creation; old things have passed away; behold, all things have become new. 2 Corinthians 5:17