

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Describe 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>• Spend AT LEAST 30 minutes practicing Ch1 Interactive Review games on the online textbook (<b>under Student Premium</b>) – Practice Basic <u>and</u> Challenge on Reverse-Tac-Toe, Reach the Top, and/or Squares</li> <li>• <b>Web post due by Saturday, 8:00 A.M.</b> Topic – S, STEM</li> </ul>	Students will understand that as we observe and classify matter we test our understanding of it and fulfill God's command in Genesis 1:28 to subdue the earth by describing the organization of the periodic table
T	Classify matter based on its properties	Discuss chapter 1, pg. 11b - 14 "Classification of Matter"	<ul style="list-style-type: none"> <li>• Pg. 27 - 28: 15 - 21, 25, 27, 28, 33</li> <li>•</li> </ul>	
W	Explore and participate in STEM applications	<b>QUIZ</b> on Element Symbols <b>TPC</b> – States of Matter	<ul style="list-style-type: none"> <li>•</li> </ul>	
TH	Describe types of elements and organizations of the periodic table	Discuss chapter 1, pg. 20 - 24 "Introduction to the Periodic Table"  Videos: Cu, Si, P	<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>• <b>Web post due by Saturday 8:00 A.M.,</b> Topic – Topic – S, STEM</li> </ul>	
F		NO CLASS - Homecoming	<ul style="list-style-type: none"> <li>•</li> </ul>	

**Memorize elements & symbols, due Wed, 10/19.** 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** Tuesday, October 25

"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