

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Practice analyzing observations; investigate changes in matter	ACTIVITY: Observing a Candle	<ul style="list-style-type: none"> Web post due by Thursday, 11:59 PM Topic – R, Rate & Reflect 	
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"> 	
W	Use the types of energy and the role of energy in the changes of matter.	The Physics Classroom – see <i>note below</i>	<ul style="list-style-type: none"> 	Students will understand that God continuously sustains all things throughout the present investigating changes in matter.
TH	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"> Read (& Print) LAB: It Was a Cool, Fall Day Web post due by Thursday, 11:59 PM Topic – R, Rate & Reflect Have an AWESOME Fall Break!! 	

Make up Lab next Monday afternoon, 10/2, 3:30 P.M. and Tuesday morning, 10/3, 7:30 A.M.

Extra Credit due Monday, 10/2, 11:59 PM

- Tab on class website tab
- Topic, STEM, can be same article as your STEM web post for this week
- Save as PDF 2X (this means PDF to Chemistry Shared folder and Turnitin.com)

The Physics Classroom Activities

- Set up an account at [The Physics Classroom](https://www.physicsclassroom.com/). Click on My Account at <https://www.physicsclassroom.com/>
- Class code is **ncshonchem2023**. Be careful with your password – you will need to enter it twice.
- Click on Tasks and Courses to open these TWO assigned activities. Read all the directions on the activity page. (TPC sends your info to me automatically, so there is nothing for you to turn in when you're done.)
 - **Which one Doesn't Belong? Chemical and Physical Properties** – 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 (and atomic numbers and mass numbers for #1 – 30): **1 - 58, 60, 61, 74, 76 – 95;**

QUIZ Wednesday, 10/11

TEST on Chapter 1 Friday, October 13ish