

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"> Sophomores – The Physics Classroom activities – see note below; Due by Tuesday, 11:59 PM Web post due by Friday, 11:59 PM Topic – S, STEM 	Students will understand that God continuously sustains all things throughout the present investigating changes in matter.
TU	Use the types of energy and the role of energy in the changes of matter.	The Physics Classroom – see note below Sophomores: PSAT	<ul style="list-style-type: none"> TPC activities – see note below; Due by Tuesday, 11:59 PM Read (& Print) LAB: It Was a Cool, Fall Day 	
W	Investigate properties and changes in matter.	LAB: It Was a Cool, Fall Day	<ul style="list-style-type: none"> 	
TH	Introduction to formal lab reports	Tech 101.1 and Lab reports	<ul style="list-style-type: none"> Formal lab report due Saturday 11:59 PM - see note below 	
F	Classify matter based on its properties	Discuss chapter 1, pg. 11b - 14 "Classification of Matter"	<ul style="list-style-type: none"> TPC: 2 activities - States of Matter and Classification of Matter – due by Sunday, 11:59 PM QUIZ on symbols of Elements – see note below Web post due by Friday, 11:59 PM Topic – S, STEM 	

The Physics Classroom Activities – Due Tuesday, 11:59 PM

- Set up an account at [The Physics Classroom](https://www.physicsclassroom.com/). Click on My Account at <https://www.physicsclassroom.com/>
- Class codes are listed below: Be careful with your password – you will need to enter it twice. If you get a notice that your email has already been used, then go to that email and click where it says Sign In. Follow from there.
 - Chemistry 1 – ncschemistry12023
 - Chemistry 2 – ncschemistry22023
 - Chemistry 3 – ncschemistry32023
 - Chemistry 6 – ncschemistry62023
- Click on Tasks and Courses to open 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 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!!

It Was a Cool Fall Day... Lab Report due Saturday, Oct. 21, 11:59 PM, submitted as PDF 2X (this means once to your Google Drive Shared folder and once to Turnitin.com)

Memorize elements & symbols, QUIZ Monday, 10/23. Elements with these atomic numbers **1 - 58, 60, 61, 74, 76 – 95**

TEST on Chapter 1 Thursday, October 26

"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