

| Day | Academic Objective | Activities | Homework/Assessments | Biblical Integration |
|-----|--|---|---|---|
| M | 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"> Spend AT LEAST 30 minutes practicing Ch1 Interactive Review games on the online textbook (under Student Premium) – Practice Basic <u>and</u> Challenge on Reverse-Tac-Toe, Reach the Top, and/or Squares Web post due by Saturday 8:00 A.M., Topic – A, Ask. Write a deeper thinking question & the answer to it that you now have after studying this chapter | 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. |
| TU | Review chapter 1 concepts and applications | Overview of TEST on chapter 1 | <ul style="list-style-type: none"> Practice Ch1 Interactive Review games on the online textbook (under Student Premium) – Practice Basic <u>and</u> Challenge on Reverse-Tac-Toe, Reach the Top, and/or Squares | |
| W | Learn to use Pasco wireless probes to measure temperature | SPARKvue Lab Introduction | <ul style="list-style-type: none"> Read (& Print) LAB: Energy of Solutions | |
| TH | Investigate endothermic and exothermic processes | LAB: Energy of Solutions | <ul style="list-style-type: none"> TEST on chapter 1 Lab report due – see note below | |
| F | Demonstrate mastery of chapter 1 concepts and applications | TEST on chapter 1 | <ul style="list-style-type: none"> Read (& Print) LAB: Distillation & Water Purification Web post due by Sat. 8:00 A.M., Topic – Write a deeper thinking question & the answer to it that you now have after studying this chapter | |

Web post Name Format – First initial Last Name HC6

Assignments File Name for Google Drive – HC6 Last Name, First Name Title of Assignment

TEST on Chapter 1 Friday, October 23

Lab Report - Distillation & Water Purification due Tuesday, Oct. 27, 8:00 A.M., submitted as PDF 2X (this means once to your Google Drive Shared folder and once to Turnitin.com)

"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