

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Research the properties and uses of the p block elements	Review cLAB : Element Reverse Scavenger Hunt VIDEO : Arsenic & Marsh Test	<ul style="list-style-type: none"> Web post due by Friday 11:59 PM Topic – STEM 	Students will understand that God continuously sustains all things throughout the present by examining the reactivity of metals
TU	Describe periodic trends	Discuss ch 5, p. 148 - 154 "Periodic Properties: Atomic Radii, Ionization Energy"	<ul style="list-style-type: none"> For Thursday - Print and Read LAB: Periodic Trends & Properties of Elements 	
W	Describe periodic trends	Discuss chapter 5, pg. 154 - 162 "Periodic Properties: Electron Affinity, Electronegativity"	<ul style="list-style-type: none"> Due Friday - Pg. 165-168: 29, 31 - 35, 39, 41, 44-45, 48-49 	
TH	Investigate the reactivity of metals	LAB: Periodic Trends & Properties of Elements	<ul style="list-style-type: none"> Pg. 165-168: 29, 31 - 35, 39, 41, 44-45, 48-49 Lab report due Monday, 11:59 PM, save as PDF 2X 	
F	Describe chemical bonds and determine bonding types between atoms	Discuss ch 6, pg. 171 - 179 "Intro to Chemical Bonding" "Covalent Bonding / Compounds"	<ul style="list-style-type: none"> Pg. 206 - 210: 3, 6, 29 Web post due by Friday 11:59 PM Topic – STEM 	

Periodic Videos Assignment (For the test only): Use the videos at periodicvideos.com to research the properties and uses of these elements.

- s block - potassium, magnesium, calcium
- p block - carbon, nitrogen, oxygen, fluorine, chlorine
- d block – copper, mercury
- f block - uranium

Periodic Trends formal lab report due Monday, 4/29, 11:59 PM, save as PDF 2X

TEST on chapter 5 & 6 Tuesday, May 7

Make up lab next Tuesday afternoon, 4/30, 3:30 P.M., and Thursday morning, 5/2, 7:30 A.M.

"Feet accustomed to the road to God can find it in the dark."

Amy Carmichael