

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Investigate the formation of ionic compounds; write and name formulas	LAB: Naming Ionic Compounds	<ul style="list-style-type: none"> • Lab sheets due tomorrow • QUIZ - Polyatomic Ions • Web post due by Friday, 11:59 PM Topic – S, Struggle 	Students will understand that God continuously sustains all things throughout the present by investigating the formation of ionic compounds and writing and naming chemical formulas
TU	Write and name formulas for binary ionic compounds	QUIZ: Polyatomic Ions Discuss ch 7, pg. 221b – 225 "Binary Molecular Compounds"	<ul style="list-style-type: none"> • Pg. 246 - 250: 6 – 16, 20, 21, 23, 41, 44, 48 	
W	Write and name formulas for compounds	Chemical Formula Practice 2 Chemical Formula Practice 3 (See notes below for both)		
TH	Identify and use oxidation numbers	Discuss chapter 7, pg. 220 - 223 "Oxidation Numbers"	<ul style="list-style-type: none"> • Pg. Pg. 246 – 250; 20, 24, 25, 49 (Due Monday) • QUIZ: Chapter 7 Memorization & Chemical Formulas 	
F	Demonstrate proficiency in writing and naming chemical formulas	TEST on Chapter 7, Part 1	<ul style="list-style-type: none"> • Pg. Pg. 246 – 250; 20, 24, 25, 49 (Due Monday) • Web post due by Friday, 11:59 PM Topic – S, Struggle 	

Memorize Polyatomic Ions - Due Tuesday, October 31

Chemical Formula PRACTICE 2 (Due by end of class Wednesday): <http://www.sciencegeek.net>

- Do the activity below & take a screen shot of the final page. Copy the final page into just one Doc & submit to Google Drive
- **You must score 100% on this activity**
- **PRACTICE 2** - Go to Chemistry, click on NEW Review & go to:
 - Unit 3: [Binary Covalent Nomenclature](#)

Chemical Formula Practice 3 (Due Thursday by 11:59 PM): The Physics Classroom (you don't have to turn in anything, TPC does it for you)

- [Names to Formulas 1](#) - You only have to complete the Wizard level on this activity, but it might be helpful to also do the Apprentice and Master levels for extra practice.
- [Names to Formulas 2](#) - Complete all levels of this activity

PRE-TEST QUIZ on chapter 7 FRIDAY, November 3

- ALL MEMORIZATION (monatomic ions, polyatomic ions, prefixes, chemical names & formulas for common substances, acids, oxidation rules)
- Writing & Naming Chemical Formulas

"The LORD is my strength and my shield; my heart trusted in him, and I am helped; therefore, my heart greatly rejoices; and with my song will I praise him." Psalm 28:7