

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Investigate endothermic and exothermic processes	LAB: Energy of Solutions , Part 1	<ul style="list-style-type: none"> Lab report due – see note below Web post due by Friday, 11:59 PM Topic – R, Rate & Reflect on Ch1 test. What did you do well that you will repeat AND/OR what is something that you didn't do well on that you will change 	Students will understand that God continuously sustains all things throughout the present by investigating endothermic and exothermic changes
TU	Investigate endothermic and exothermic processes	LAB: Energy of Solutions, Pt. 2 – Lab report – see note below	<ul style="list-style-type: none"> Lab report due – see note below 	
W	Investigate binary ionic compound	ACTIVITY: Snapping Ions	<ul style="list-style-type: none"> 	
TH	Write and name formulas for binary ionic compounds	Discuss ch 7, pg. 213 - 221a "Chemical Names and Formulas"	<ul style="list-style-type: none"> Chem Form Practice 1A - see below Common Subst. Research WS 	
F	Write and name formulas for ionic compounds	Discuss ch. 7, pg. 213 - 221a "Chemical Names and Formulas"	<ul style="list-style-type: none"> Chem Form Practice 1B - see below Read (& Print) LAB: Naming Ionic Compounds Web post due by Friday 11:59 PM (See Monday HW for Topic) 	

Memorize Polyatomic Ions - Due Tuesday, October 31

Lab Report – Energy of Solutions due Saturday, October 28, 11:59 PM, submitted as PDF 2X (this means once to your Google Drive Shared folder and once to Turnitin.com)

Chem. Formula PRACTICE 1A & 1B: <http://www.sciencegeek.net>

- Do each & take a screen shot of each final page. Copy each final page into just one Doc & submit to Google Drive
- **You must score 100% on each activity**
- Go to Chemistry, click on NEW Review & go to:
 - **PRACTICE 1A** - DUE FRIDAY - Unit 3: [Binary Ionic Compound Formulas](#)
 - **PRACTICE 1B** DUE MONDAY - Unit 3: [Ionic Compounds Involving Polyatomic Ions](#)

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

"I believe in Christianity as I believe the sun is risen, not only because I see it, but also because by it I see everything else." C. S. Lewis