

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Balance chemical equations	Practice balancing chemical equations	<ul style="list-style-type: none"> Bal Equations WS 2 Print & Read LAB: "Evidence for Chemical Change" Pre-Lab Quiz – ASK ME!! Web post due by Saturday, 8:00 A.M. Topic – S, Struggle 	
TU	Observe and analyze chemical changes	LAB: "Evidence for Chemical Change"	<ul style="list-style-type: none"> Lab report due next Monday – see note below QUIZ – Balancing Chemical Equations (which is also a quiz on writing chemical formulas!!) 	
W	Demonstrate proficiency in balancing chemical equations	QUIZ: Balancing Chemical Equations		
TH	Describe and predict synthesis and decomposition reactions	Discuss ch 8, pg. 262 – 265 "Synthesis Reactions" "Decomposition Reactions"	<ul style="list-style-type: none"> Pg. 277-280: 17, 19, 22, 23, 28, 38, 40 Read ch 8, pg. 266 – 268a Memorize 17 chemical reactions – Due Wednesday, 2/10 	Students will understand that God continuously sustains all things throughout the present by determining the products of chemical reactions
F	Describe and predict single replacement reactions using the activity series	Discuss ch 8, pg. 266 – 268a "Single Replacement Rxns" "Activity Series of Elements"	<ul style="list-style-type: none"> Pg. 283 - 286: 24, 31, 33 – 36, 39, 42, 49 Memorize 17 chemical reactions – Due Friday, 2/10 Web post due by Saturday, 8:00 A.M. Topic – S, Struggle 	

QUIZ on Balancing Equations Wednesday, February 3

Suggested Chem. Form Practice: <http://www.sciencegeek.net>

➤ Go to Chemistry, click on NEW Review & go to:

- Unit 3: [Binary Ionic Compound Formulas](#)
- Unit 3: [Ionic Compounds Involving Polyatomic Ions](#)
- Unit 3: [Binary Covalent Nomenclature](#)

LAB: "Evidence for Chemical Change" – Lab report due Monday, February 8, by 8:00 A.M.; save as PDF 2X

Memorize 17 chemical reactions – Due next Wednesday, February 10

TEST on chapter 8 next Friday, February 12