

Day	Academic Objective	Activities	Homework/Assessments	WHY?
M	Balance chemical equations	Practice balancing chemical equations	<ul style="list-style-type: none"> <li>Bal Equations WS 2 - Odd only</li> <li>Print &amp; Read LAB: "Evidence for Chemical Change" – be ready!</li> <li>Web post due by Friday 11:59 PM Topic – T, Triumph</li> </ul>	By analyzing chemical reactions, we can see that God has given us the tools we need to understand the world around us and in turn use that knowledge for our good and His glory.
TU	Observe and analyze chemical changes	LAB: "Evidence for Chemical Change" – lab sheets due Friday	<ul style="list-style-type: none"> <li>Balancing Equations Review – See note below</li> <li>QUIZ – Balancing Chemical Equations</li> </ul>	
W	Demonstrate proficiency in balancing chemical equations	QUIZ: Balancing Chemical Equations		
TH	Describe and predict synthesis and decomposition reactions	Discuss ch 8, pg. 268 – 272 and 277 - 278 "Synthesis Reactions" "Activity Series of Elements"	<ul style="list-style-type: none"> <li>Pg. 283 - 286: 17, 22, 36, 38, &amp; 40</li> <li>Lab sheets due Friday</li> </ul>	
F	Describe and predict decomposition reactions	Discuss ch 8, pg. 268 – 272 and 277 - 278 "Decomposition Reactions" "Activity Series of Elements"	<ul style="list-style-type: none"> <li>Pg. 283 - 286: 19, 20, 23, 28 (nickel is +2)</li> <li>Memorize 17 chemical reactions – Quiz Friday, January 23</li> <li>Web post due by Friday 11:59 PM Topic – T, Triumph</li> </ul>	

**Make up labs this week:** Tuesday afternoon, 3:30 PM and Thursday morning, 7:30 AM

**TUESDAY HW: Balancing Equations Review** – Due Tuesday, 11:59 PM: <https://www.breslyn.org/balancing>

- Click on the link above and do the following 4 activities (Do these and turn in on notebook paper and online.)
  - Odd/Even (3 equations)
  - Polyatomic Ions (3)
  - Combustion (3)
  - Test Your Knowledge (10)
- **DUE Tuesday, 11:59 PM:** After you finish these activities, take a screen shot of the Dashboard page that has your scores on it. Copy the page into **ONE** doc & submit to Google Drive with this assignment name **Balancing Equations Review** (include class period and your name like you normally do). **Notebook paper due Wednesday in class.**
- **IMPORTANT:** If you are 100% SURE your answer is correct, but it's marked wrong, take a screen shot of your answer and copy & paste it below the screenshot of your Dashboard, then **TEXT ME** and let me know. You can click on the video link for each equation to find help on how to balance each one.

**QUIZ** on Balancing Equations Wednesday, January 14

**Memorize** 17 chemical reactions – QUIZ Friday, January 23

**TEST** on chapter 8 Tuesday, Tuesday, January 27

"And they that know thy name will put their trust in thee: for thou, LORD, hast not forsaken them that seek thee." Psalm 9:10