

Day	Academic Objective	Activities	Homework/Assessments	WHY?
TU	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>Memorize 17 chemical reactions – Quiz Monday, January 27</li> <li>Web post due by Friday 11:59 PM Topic – S, Struggle</li> </ul>	By learning to determine the products of chemical reactions, we can see that God has given us the tools we need to understand the world around us and use this knowledge for our good and His glory
W	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>Memorize 17 chemical reactions – Quiz Monday, January 27</li> </ul>	
TH	Describe and predict single replacement reactions using the activity series	Discuss ch 8, pg. 273 – 274a and 277 - 278 "Single Replacement Rxns" "Activity Series of Elements"	<ul style="list-style-type: none"> <li>Pg. 283 - 286: 19, 23, 28, 34 – 35, 39, 42, 49 (nickel is +2)</li> </ul>	
F	Describe and predict double replacement reactions	Discuss ch 8, pg. 274b – 275 "Double Replacement Rxns" "Combustion Reactions"	<ul style="list-style-type: none"> <li>Pg. 283 - 286: 25 – 26, 30, 42</li> <li>Memorize 17 chemical reactions – Quiz Monday, January 27</li> <li>Web post due by Friday 11:59 PM Topic – S, Struggle</li> </ul>	

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

**Memorize** 17 chemical reactions – QUIZ **Monday, January 27**

**TEST** on Chapter 8, Thursday, January 30

**Extra Optional Practice: Sciencegeek.com** <http://www.sciencegeek.net>

- Go to **AP Chemistry**, click on Review & complete:
  - Chapter 3: [Identifying Reactions by Type](#)
  - Unit 3: [Predicting Products of Chemical Reactions](#)

When we are powerless to do a thing, it is a great joy that we can come and step inside the ability of Jesus. Corrie ten Boom