

| Day | Academic Objective | Activities | Homework/Assessments | Biblical Integration |
|-----|---|--|---|--|
| M | Describe and predict synthesis and decomposition reactions | Discuss ch 8, pg. 268 – 272 "Synthesis Reactions" "Decomposition Reactions" | <ul style="list-style-type: none"> Pg. 283 - 286: 17, 19, 22, 23, 28, and 38, 40 Memorize 17 chemical reactions – Due Friday, 2/10 Web post due by Saturday, 8:00 A.M. Topic – T, Triumph | Students will understand that God continuously sustains all things throughout the present by learning to determine the products of chemical reactions. |
| TU | 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"> Pg. 283 - 286: 24, 31, 33 – 36, 39, 42, 49 Memorize 17 chemical reactions – Due Friday, 2/10 | |
| W | Describe and predict double replacement reactions | Discuss ch 8, pg. 274b – 275a "Double Replacement Rxns" | | |
| TH | Practice balancing equations | Discuss ch 8, pg. 275b "Combustion Reactions" Practice Balancing Equations | <ul style="list-style-type: none"> Bal Equations WS 3 ODD only QUIZ: 17 chemical reactions | |
| F | Practice balancing equations | QUIZ: 17 Types of Chemical Reactions Practice Balancing Equations | <ul style="list-style-type: none"> TPC – Writing Balanced Chem Equations – see note below Web post due by Saturday, 8:00 A.M. Topic – T, Triumph | |

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

Memorize 17 chemical reactions – Due Friday, February 10

TPC- Writing Chemical Equations – Complete ALL levels of this activity. Answer on paper first AND TURN IN PAPER! Skip a line between each equation. Due Sunday, 2/12, 11:59 PM

TEST on Chapter 8, Tuesday, February 14

Help Session?

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](#)