

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Investigate the effect of energy sources on chemical reactions	LAB: Respiration & Energy, Pt 1	<ul style="list-style-type: none"> • Lab report – see note below • Read chapter 9, pg. 283 - 285, 288 - 295 • Web post due by Saturday, 8:00 A.M. Topic – R, Reflect/Rate (answer both parts!) 	Students will understand that God continuously sustains all things throughout the present by exploring the effect of energy on chemical reactions
TU	Understand and perform stoichiometry calculations	Discuss ch 9, pg. 283 - 295 "Intro to Stoichiometry" "Ideal Stoichiometric Calc"	<ul style="list-style-type: none"> • Pg. 305 - 308; 1, 2, 4 - 6, 8, 10 - 16 (do "a" only on the problems with parts, EXCEPT do both 14 a & b) 	
W	Understand and perform stoichiometry calculations	Practice Stoichiometric Calculations	<ul style="list-style-type: none"> • Read chapter 9, pg. 288 - 299 	
TH	Understand the role of limiting reactants in reactions	Discuss ch 9, pg. 288 - 299 "Limiting Reactants"	<ul style="list-style-type: none"> • Pg. 305 - 308: 25a & d, 26a & d, 27, 40 • Lab report due – see note below • Web post due by Saturday, 8:00 A.M. Topic – R, Reflect/Rate (answer both parts!) 	
F				

Lab report due dates – Save formal lab report as PDF 2X

Respiration & Energy – due Monday, February 1, by 8:00 A.M.

TEST on Chapter 9, Friday, February 5

I choose kindness... I will be kind to the poor, for they are alone. I will be kind to the rich, for they are afraid. And kind to the unkind, for such is how God has treated me. *Max Lucado*