

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Apply knowledge of physical properties to separate a mixture	Design Challenge: Mixture Separation, Pt.2	<ul style="list-style-type: none"> Web post due by Friday 11:59 PM. Topic – T, Triumph 	
TU	Calculate percent composition	Discuss pg. 236b - 238 "Percent Composition" ACTIVITY: "Percent Composition of Sugar in Gum" (answer on notebook paper)	<ul style="list-style-type: none"> Pg. 238: <u>Blue Practice</u> 1 - 3 (Middle of page) 	Students will understand that as we learn to qualify and quantify motion we can test our understanding of it and use this understanding for our good and His glory, by designing experiments to determine number of molecules and percent composition
W	Determine empirical formulas	Discuss chapter 7, pg. 239 – 243 "Calculation of Empirical Formulas"	<ul style="list-style-type: none"> 	
TH	Determine empirical and molecular formulas	Discuss chapter 7, pg. 239 – 243 "Calculation of Molecular Formulas"	<ul style="list-style-type: none"> Pg. 246 - 250: 34, 36, 37 and 35, 38, 39, 40, 52 	
F	Review concepts and problem solving from chapter 7	Practice Chapter 7 Problems	<ul style="list-style-type: none"> Re-work 5 problems. Write the problem, then show all work underneath: 1 mole-mass, 1 mass-molecules, 1 percent composition, 1 empirical formula, 1 molecular formula. Web post due by Friday 11:59 PM Topic – T, Triumph 	

TEST on Chapter 7 - **FRIDAY**, January 19

- Be sure and check out the Chap. 7 Stuff to Know Sheet
- Practice with the review games in the Students Premium section of the online textbook & at sciencegeek.net

Help Session?

"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

"I have decided to follow Jesus. No turning back, no turning back. Though none go with me, I still will follow. No turning back, no turning back."