

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Define and calculate percent yield	Discuss chapter 9, pg. 307 - 308 "Percent Yield"	<ul style="list-style-type: none"> <li>Pg. 311 - 314: 21, 29, 31, 32, 33</li> <li><b>Web post due by Friday 11:59 PM</b> Topic – S, Struggle</li> </ul>	Students will understand that God continuously sustains all things throughout the present by determining the percent yield of a chemical reaction
TU	Review the concepts and problem solving from chapter 9  Understand and perform applications of stoichiometry calculations	Practice applications of reaction stoichiometry  Design Percent Yield Lab, see note below	<ul style="list-style-type: none"> <li>Re-work 5 problems from this chapter: one mol – mass, one mass to mass, one limiting reactant, one percent yield, one "advanced problem"</li> <li>Practice with Ch 7 Interactive Review games on the online textbook (<b>under Student Premium</b>) – Practice Basic <u>and</u> Challenge on Reverse-Tac-Toe, Reach the Top, and/or Squares</li> </ul>	
W	Review the concepts and problem solving from chapter 9	Overview for TEST on Ch 9	<ul style="list-style-type: none"> <li>TEST on Chapter 9</li> </ul>	
TH	Demonstrate proficiency with concepts and problem solving from chapter 9	<b>TEST</b> on Chapter 9	<ul style="list-style-type: none"> <li><b>Prepare for</b> Percent Yield Lab, see note below</li> <li><b>Web post due by Friday 11:59 PM</b> Topic – S, Struggle</li> </ul>	
F				

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

### Percent Yield of Magnesium Oxide

- Design a lab using only magnesium and the equipment at your lab station to determine the percent yield of magnesium oxide formed from a chemical reaction

**TEST** on Chapter 9, Thursday, February 1

An unguarded strength is a double weakness. Oswald Chambers