

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Investigate limiting reactants in a reaction	LAB: Determining Limiting Reactants	<ul style="list-style-type: none"> Complete Worksheet: Atomic Theory Analysis Lab report due – see note below Science In the News due Friday – topic, STEM Web post due by Saturday, 8:00 A.M. Topic – S, STEM 	Students will understand that God continuously sustains all things throughout the present by determining the percent yield of a chemical reaction
TU	Compare and contrast atomic theories	Discuss ch 3 pg. 69 - 71 "Dalton & the Modern Atomic Theory"	<ul style="list-style-type: none"> Pg. 92 - 94: 1, 2, 32; & Pg. 73: 1 – 3 Print ACTIVITY: Model of an Atom 	
W	Use indirect observations to identify an unknown	ACTIVITY: Model of the Atom	<ul style="list-style-type: none"> Read chapter 3 pg. 74 – 78 	
TH	Discuss experimentation that lead to the discovery of the structure of the atom	Discuss ch 3 pg. 74 - 78 "Structure of the Atom"	<ul style="list-style-type: none"> Pg. 92 - 94: 4 - 6, 25, 33 Science In the News due Friday – topic, STEM Read chapter 3 pg. 79 - 84 	
F	Describe and identify isotopes	Discuss chapter 3 pg. 79 - 84 "Isotopes" "Relative/Average Atomic Mass"	<ul style="list-style-type: none"> Isotopes Research AND... Pg. 92 - 94: 8- 11, 19 - 20, 34 (Change directions on #11, "Write BOTH the hyphen notion & nuclear symbol..." and Web post due by Saturday, 8:00 A.M. Topic – S, STEM!) 	

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

Determining Limiting Reactants – due Tuesday, February 16, by 8:00 A.M.

Let God have you, and let God love you - and don't be surprised if your heart begins to hear music you've never heard and your feet learn to dance as never before. *Max Lucado*

Trust God's love. His perfect love. Don't fear He will discover your past. He already has. Don't fear disappointing Him in the future. He can show you the chapter in which you will. With perfect knowledge of the past and perfect vision of the future, He loves you perfectly in spite of both. *Max Lucado*