

Day	Academic Objective	Activities	Homework/Assessments	Biblical Integration
M	Identify and use oxidation numbers	Discuss chapter 7, pg. 220 - 223 "Oxidation Numbers"	<ul style="list-style-type: none"> Pg. 246 - 250: 44, 48, 49 Web post due by Friday 11:59 PM Topic – S, STEM 	Students will understand that God continuously sustains all things throughout the present by using chemical formulas in calculations
TU	Demonstrate proficiency with chemical formulas Calculate formula mass and molar mass	Discuss Chapter 3 pg. 82 – 89 "Formula & Molar Mass"	<ul style="list-style-type: none"> <i>The Physics Classroom</i> – see note below – due Tuesday 11:59 PM 	
W	Review chemical formulas	Correct Pretest – review chemical formulas		
TH	Define and use mole concept to relate mass to number of atoms	Discuss Chapter 3 pg. 82 – 89 "Relating Mass to Numbers of Atoms"	<ul style="list-style-type: none"> Pg. 92 – 94: 12 - 18, 21 - 24, 28 (On problems, do b, & c only) 	
F	Define and use mole concept to relate mass to number of molecules	Discuss Ch 7 , pg. 231 – 236a "Using Chemical Formulas"	<ul style="list-style-type: none"> Pg. 246 - 250: 31, 42 (Do b & c only on both) AND 31, 42 REDO but change the directions to: "Find the number of molecules in each" (Do b & c only on both) Extra credit due Monday Web post due by Friday 11:59 PM. Topic – S, STEM 	

The Physics Classroom: Due Tuesday 11:59 PM (You don't have to turn in anything, TPC does it for you)

- Molar Mass – Complete ONLY the first two levels of this activity

2nd Term Extra credit due Monday, December 4

TEST on Chapter 7, Part 2 - **WEDNESDAY**, December 6

- Writing & naming chemical formulas
- Oxidation numbers
- Mass – mole – atoms problems
- Mass – mole- molecules problems

MAKE-UP LAB December 5 & 6 - Tuesday afternoon, 3:30 P.M., & Wednesday morning, 7:30 A.M.

"They borrowed a manger of hay for His bed; Jesus my Savior; No soft, downy pillow, no warm cradle spread for Jesus, my Lord.
His were the planets and stars in the sky; His were the valleys and mountains so high; His, all earth's riches from pole unto pole;
But He became poor to ransom my soul." Byron Carmony