Grade 11
Distance Learning Module 7: Week of: May 18th - May 22nd

Chemistry Level II- *Modified from Unit # 4 - The Mole, Chemical Equations, and Stoichiometry*

Targeted Goals from Stage 1: Desired Results

Content Knowledge: A limiting reactant dictates the outcome of a chemical reaction. Excess reactant will always exist in a leftover amount when the reaction is completed.

Vocabulary:

Skills: Use dimensional analysis to calculate amounts of reactants and products including limiting and excess reagents.

Expectation:

Description of Task (s):	Resources and Materials: (links posted in Google Classroom)	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday Limiting Reactant and Reactant in Excess ❏ Watch Edpuzzle 1, on Limiting and Excess reactant, take notes ❏ Read notes on Limiting Reactant and Reactant in Excess (pdf), copy into notebook ❏ Save notes to submit when you have completed the module ❏ Start worksheet problems (problems are lengthy) ❏ For each problem, complete writing and balancing the chemical equation, write known and unknown, and write conversion factors needed. ❏ Submit worksheet if completed ❏	Edpuzzle - Video 1 (Module 7) Limiting Reactants and Percent Yield LR and RiE.pdf Stoichiometry Problem Set 2 - LR and RIE.doc KEY Limiting Reactant Worksheet.pdf	❏ Viewing of videos - grade will automatically transfer to Classroom gradebook from Edpuzzle when video is watched all the way to the end & show results button is checked ❏ Submit limiting reactant worksheet when completed

Description of Task (s):	Resources and Materials: (links posted in Google Classroom)	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Tuesday Complete problems, and attend Google Meet to Address Questions ❏ For each problem, complete writing and balancing the chemical equation, write known and unknown, and write conversion factors needed, before attempting solution. Refer to notes, to model how to solve for Limiting Reactant ❏ Set up solution so labels cancel, do the math,and complete each problem using dimensional analysis. ❏ Submit worksheet.		❏ If Practice Sheet was not completed and submitted Monday, submit Tuesday.
Wednesday Amount in Excess ❏ Watch Video 2, Excess Reactant (also referred to as Amount in Excess). Take notes ❏ Read notes on Amount in Excess (pdf) and copy into your notebook ❏ Save notes to submit when you have completed the module ❏ Start Worksheet problems, For EACH COMPLETED Problem in Worksheet 2, determine how much of the excess reactant remains (or, the amount in excess) ❏ Submit copy of completed work EXTENSION (OPTIONAL) Topic Percent Yield ❏ Watch Video 3, Percent Yield. Take notes ❏ Save notes to submit when you have completed the module	Edpuzzle - Video 2 (Module 7) Excess Reactant KEY Amount in Excess.pdf Edpuzzle - Video 3 (Module 3) Percent Yield Stoichiometry WKST 4 Percent Yield KEY Percent Yield.pdf	❏ Viewing of videos - grade will automatically transfer to Classroom gradebook from Edpuzzle when video is watched all the way to the end & show results button is checked ❏ Submit Amount in Excess solutions to yesterday's worksheet when completed ❏ Submit Percent Yield worksheet, if you choose to complete it

Description of Task (s):	Resources and Materials: (links posted in Google Classroom)	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
❑ Complete Practice Problems, Set 4 ❑ Submit copy of completed work		
Thursday: Summative Practice. ❑ Complete practice test. ❑ Submit copy of completed work	Stoichiometry Practice Test KEY Stoichiometry Practice Test.pdf	❑ Submit completed Practice test
Friday: ❑ Submit Notes on the Module ❑ Content Check - Google form quiz		❑ Submit Notes for the Module ❑ Complete Content Check (Google Form will be posted by Friday at 9 am)

Week criteria for success (attach student checklists or rubrics):

- ❑ watched all of the recorded videos and taken notes
- ❑ completed worksheets, submitted for feedback
- ❑ incorporated feedback, submitted second attempt, if needed on google classroom

Supportive resources and tutorials for the week (plans for re-teaching):

- online virtual Q and A help sessions (see Google Classroom for times and invite codes)
- read and re-read the textbook, and watch videos on Edpuzzle again