

YEAR 10 A/D/E-CHEMISTRY (girls)

WEEK 5 (27th Sept to 1st Oct)

Work Sent to the students through Google classroom/ Zoom Learning Platform

Topic: Moles

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
27/9/2020 Sunday	3	Learning Objective: To reinforce the calculation of masses of reactants and products from balanced equations, given the mass of one substance. Deduce the stoichiometry of a reaction from the masses of the reactants and products. Learning outcome: <ul style="list-style-type: none">• Calculate the masses of individual products from a given mass of a reactant and the balanced symbol equation.• Write balanced chemical equations.• Work out the equation for a chemical reaction using the masses of the reactants and products.	Zoom	Teacher uses powerpoint presentation that contains the steps to deduce the stoichiometry of a reaction.
30/9/2020 Wednesday	3	Learning Objective: Explain why, in a reaction, the mass of product formed is controlled by the mass of the reactant which is not in excess. Learning Outcome: <ul style="list-style-type: none">• The role of limiting reagent in deciding the amount of product formed in a reaction.• Differentiate between excess and limiting reagent.	Zoom	Teacher uses powerpoint presentation that contains interactive questions.
1/10/2020 Thursday	2&3	Learning Objective: To reinforce the concepts such as states of matter, methods of separating and purifying substances, atomic structure, periodic table, bonding and types of substances for GL	Zoom	Teacher uses powerpoint presentation to reinforce the concepts. Instruction will be given to

		examination. Learning Outcome: Students will be able to recall and apply the concepts learned by solving the worksheet questions.		complete the Worksheet.
--	--	--	--	-------------------------

Home work: Solve S1 and E1 questions:SC9c(Pg77)

YEAR 10 B/C/F–CHEMISTRY (Boys)

WEEK 5 (27th Sep to 1st Oct)

Work Sent to the students through Google classroom/ Zoom Learning Platform

Topic: Moles

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
27/9/2020 Sunday	0	<p>Learning Objective:</p> <p>To reinforce the calculation of masses of reactants and products from balanced equations, given the mass of one substance.</p> <p>Deduce the stoichiometry of a reaction from the masses of the reactants and products.</p> <p>Learning outcome:</p> <ul style="list-style-type: none"> • Calculate the masses of individual products from a given mass of a reactant and the balanced symbol equation. • Write balanced chemical equations. • Work out the equation for a chemical reaction using the masses of the reactants and products. 	Zoom	Teacher uses power point presentation that contains the steps to deduce the stoichiometry of a reaction.
28/9/2020 Monday	1&2	<p>Learning Objective:</p> <p>To reinforce states of matter, methods of separating and purifying substances, atomic structure, periodic table, bonding and types of substances for GL examination.</p> <p>Learning Outcome:</p> <p>Students will be able to recall and apply the concepts learned by solving the worksheet questions.</p>	Zoom	Teacher uses powerpoint presentation to reinforce the concepts. Instruction will be given to complete the Worksheet.
		Learning Objective:		Teacher uses powerpoint

30/9/202 Wednesday	4	<p>Explain why, in a reaction, the mass of product formed is controlled by the mass of the reactant which is not in excess.</p> <p>Learning Outcome:</p> <ul style="list-style-type: none"> • The role of limiting reagent in deciding the amount of product formed in a reaction. • Differentiate between excess and limiting reagent. 	Zoom	presentation that contains interactive questions.
-----------------------	---	--	-------------	---

Home work: Solve S1 and E1 questions:SC9c(Pg77)