YEAR 10 A/D/E–CHEMISTRY (Girls)

WEEK 3 - (13th Sept to 17th Sept)
Work Sent to the students through Google classroom/ Zoom Learning Platform
Topic: Conservation of mass
Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
13/9/2020 Sunday	3	**Learning Objective:** Calculate the concentration of solutions in g dm^{-3} **Learning outcome:** • Define concentration of solutions. • Use the formula C= m/V to calculate the concentration in g/dm^3	**Zoom**	Teacher uses powerpoint presentation that contains the method to calculate the concentration of solution.
16/9/2020 Wednesday	3	**Learning Objective:** Explain the law of conservation of mass applied to: (a) a closed system including a precipitation reaction in a closed flask (b) a non-enclosed system including a reaction in an open flask that takes in or gives out a gas. **Learning Outcome:** • State Law of conservation of mass. • Define precipitation reaction. • Compare the difference between a closed and non-enclosed system.	**Zoom**	Teacher uses powerpoint presentation that contains interactive questions.
17/9/2020 Thursday	2 3	**Learning Objective:** Calculate the masses of reactants and products from balanced equations, given the mass of one substance using **mole method.** **Learning Outcome:** Calculate the mass of product formed from a given mass of reactant, using a balanced equation.	**Zoom** **GC**	Teacher uses powerpoint presentation that contains the steps to calculate the masses of reactants and products. Instruction will be given in the Google classroom to complete the worksheet questions.

Homework : Complete the textbook questions SC9b page74

YEAR 10 B/C/F–CHEMISTRY (Boys)

WEEK 3 (13th Sept to 17th Sept)
Work Sent to the students through Google classroom/ Zoom Learning Platform
Topic: Conservation of mass
Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
13/9/2020 Sunday	0	**Learning Objective:** Calculate the concentration of solutions in g dm^{-3} **Learning outcome:** • Define concentration of solutions. • Use the formula C= m/V to calculate the concentration in g/dm^3	**Zoom**	Teacher uses powerpoint presentation that contains the method to calculate the concentration of solution.
14/9/2020 Monday	1&2	**Learning Objective:** Explain the law of conservation of mass applied to: (c) a closed system including a precipitation reaction in a closed flask (d) a non-enclosed system including a reaction in an open flask that takes in or gives out a gas. **Learning Outcome:** • State Law of conservation of mass. • Define precipitation reaction. Compare the difference between a closed and non-enclosed system.	**Zoom**	Teacher uses powerpoint presentation that contains the steps to calculate the masses of reactants and products.
16/9/2020 Wednesday	4	**Learning Objective:** Calculate the masses of reactants and products from balanced equations, given the mass of one substance using **mole method.** **Learning Outcome:** Calculate the mass of product formed from a given mass of reactant, using a balanced equation.	**GC**	Instruction will be given in the Google class room to complete the worksheet questions.

Homework : Complete the textbook questions SC9b page74