YEAR 10 A/D/E–CHEMISTRY (girls)

WEEK 8 (18th Oct to 22nd Oct)

Work Sent to the students through Google classroom

Topic: Looking at acids.

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
18/10/2020 Sunday	3	**Learning Objective:(Assessment)** Apply the knowledge and understanding of the concepts of empirical formula, conservation of mass and moles to answer the questions in the assessment. **Learning Outcome:** Students will be able to recall the concepts learned and apply their knowledge and understanding to answer the questions, in the assessment.	**Zoom**	Teacher will conduct the assessment through Google forms and monitor the students on Zoom.
21/10/2020 Wednesday	3	**Learning Objective:** 1. Recall that as hydrogen ion concentration in a solution increases by a factor of 10, the pH of the solution decreases by 1. 2. Explain the terms dilute and concentrated, with respect to amount of substances in solution. **Learning Outcome:** • Describe the relationship between hydrogen ion concentration and pH. • What is the difference between dilute and concentrated solutions?	**Zoom**	Teacher uses power point presentation to explain the relationship between hydrogen ion concentration and pH.
22/10/2020 Thursday	2 3	**Learning Objective:** 1. Explain the terms weak and strong acids, with respect to the degree of dissociation into ions. 2. Explain how the pH and reactivity of an acid depend on the concentration and the strength of the acid. **Learning Outcome:** • What is the difference between strong and weak acids? • Explain how a concentrated solution of a week acid could have the same pH and similar reactions to a dilute solution of a strong acid.	**Zoom** **GC**	Teacher uses power point presentation that contains interactive questions on week and strong acids. Instruction will be given in the Google classroom to complete the Worksheet.

Home work: Solve S1 and E1 questions :SC8b(Pg55)

YEAR 10 B/C/F–CHEMISTRY (Boys)

WEEK 8 (18th Oct to 22nd Oct)

Work Sent to the students through Google classroom

Topic: Looking at acids

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
18/10/2020 Sunday	0	**Learning Objective:(Assessment)** Apply the knowledge and understanding of the concepts of empirical formula, conservation of mass and moles to answer the questions in the assessment. **Learning Outcome:** Students will be able to recall the concepts learned and apply their knowledge and understanding to answer the questions, in the assessment.	**Zoom**	Teacher will conduct the assessment through Google forms and monitor the students on Zoom.
19/10/2020 Monday	1&2	**Learning Objective:** 1. Recall that as hydrogen ion concentration in a solution increases by a factor of 10, the pH of the solution decreases by 1. 2. Explain the terms dilute and concentrated, with respect to amount of substances in solution. **Learning Outcome:** • Describe the relationship between hydrogen ion concentration and pH. • What is the difference between dilute and concentrated solutions? •	**Zoom**	Teacher uses power point presentation to explain the relationship between hydrogen ion concentration and pH.
21/10/2020 Wednesday	4	**Learning Objective:** 1. Explain the terms weak and strong acids, with respect to the degree of dissociation into ions. 2. Explain how the pH and reactivity of an acid depend on the concentration and the strength of the acid. **Learning Outcome:** • What is the difference between strong and weak acids? • Explain how a concentrated solution of a week acid could have the same pH and similar reactions to a dilute solution of a strong acid. •	**GC**	Instruction will be given in the Google classroom to complete the Worksheet.

Home work: Solve S1 and E1 questions : SC8b(Pg55)