

YEAR 10 A/D/E–CHEMISTRY (girls)

WEEK 11 (8th Nov to 12th Nov)

Work Sent to the students through Google classroom

Topic: Alkalis and neutralisation

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
8/11/2020 Sunday	3	<p>Learning Objective: (Assessment) Apply the knowledge and understanding of the concepts of acids, alkalis, indicators, pH, bases, salts and balancing equations to answer the questions in the assessment.</p> <p>Learning Outcome: Students will be able to recall the concepts learned and apply their knowledge and understanding to answer the questions, in the assessment.</p>	Zoom	Teacher will conduct the assessment through Google forms and monitor the students on Zoom.
11/11/2020 Wednesday	3	<p>Learning Objective: Explain an acid–alkali neutralisation as a reaction in which hydrogen ions (H^+) from the acid react with hydroxide ions (OH^-) from the alkali to form water.</p> <p>Learning Outcome:</p> <ul style="list-style-type: none"> • Identify the neutralization reaction from a set of reactions. • Write the ionic equation for the neutralization reaction. • Explain what happens to the ions from acids and alkalis during neutralisation. 	Zoom	Teacher uses power point presentation to explain what happens to the ions from acids and alkalis during neutralisation.
12/11/2020 Thursday	2 3	<p>Learning Objective: 1.Explain why, if soluble salts are prepared from an acid and a soluble reactant: a titration must be used b the acid and the soluble reactant are then mixed in the correct proportions c the solution remaining, after reaction, is only salt and water. 2.Describe how to carry out an acid–alkali titration, using burette, pipette and a suitable indicator, to prepare a pure, dry salt.</p> <p>Learning Outcome:</p> <ul style="list-style-type: none"> • Explain why titration is used to prepare soluble salts. • Describe how to carry out an acid–alkali titration. <p>Learning Objective: To answer the questions, on alkalis and neutralisation, in the worksheet.</p> <p>Learning outcome: Students will be able to reinforce the concepts learned in the previous lesson by answering the questions in the worksheet.</p>	Zoom GC	Teacher uses power point presentation that contains the steps to carry out an acid alkali titration Instruction will be given in the Google classroom to complete the Worksheet.

Home work: Solve S1,S2 and E1 questions :SC8e(Pg65)

YEAR 10 B/C/F–CHEMISTRY (Boys)

WEEK 11 (8th Nov to 12th Nov)

Work Sent to the students through Google classroom

Topic: Alkalis and neutralisation

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
8/11/2020 Sunday	0	<p>Learning Objective: (Assessment) Apply the knowledge and understanding of the concepts of acids, alkalis, indicators, pH, bases, salts and balancing equations to answer the questions in the assessment.</p> <p>Learning Outcome: Students will be able to recall the concepts learned and apply their knowledge and understanding to answer the questions, in the assessment.</p>	Google Meet	Teacher will conduct the assessment through Google forms and monitor the students on Google Meet.
9/11/2020 Monday	1&2	<p>Learning Objective:</p> <ol style="list-style-type: none"> 1.Explain an acid–alkali neutralisation as a reaction in which hydrogen ions (H⁺) from the acid react with hydroxide ions (OH⁻) from the alkali to form water. 2.Explain why, if soluble salts are prepared from an acid and a soluble reactant: a titration must be used b the acid and the soluble reactant are then mixed in the correct proportions c the solution remaining, after reaction, is only salt and water. 3.Describe how to carry out an acid–alkali titration, using burette, pipette and a suitable indicator, to prepare a pure, dry salt. <p>Learning Outcome:</p> <ul style="list-style-type: none"> •Identify the neutralization reaction from a set of reactions. •Write the ionic equation for the neutralization reaction. • Explain what happens to the ions from acids and alkalis during neutralisation. 	Google Meet	Teacher uses power point presentation to explain the reactions of aqueous solutions of acids with metal hydroxides to produce salts.
11/11/2020 Wednesday	4	<p>Learning Objective: To answer the questions, on alkalis and neutralisation, in worksheet.</p> <p>Learning outcome: Students will be able to reinforce the concepts learned in the previous lesson by answering the questions in the worksheet.</p>	GC	Instruction will be given in the Google classroom to complete the Worksheet.

Home work: Solve S1,S2 and E1 questions :SC8e(Pg65)

