

YEAR 10 A/D/E–CHEMISTRY (girls)

WEEK 10 (1st Nov to 5th Nov)

Work Sent to the students through Google classroom

Topic: Alkalis and balancing equations

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
1/11/2020 Sunday	3	<p>Learning Objective:</p> <ol style="list-style-type: none"> 1. Recall the formulae of elements, simple compounds and ions. 2. Write word equations. 3. Write balanced chemical equations, including the use of the state symbols (s), (l), (g) and (aq). <p>Learning Outcome:</p> <ul style="list-style-type: none"> • Recall the chemical formulae of some common compounds. • Recall and use state symbols. <p>Balance chemical equations..</p>	Zoom	Teacher uses powerpoint presentation that contains interactive questions .
4/11/2020 Wednesday	3	<p>Learning Objective:</p> <ol style="list-style-type: none"> 1. Investigate the change in pH on adding powdered calcium hydroxide or calcium oxide to a fixed volume of dilute hydrochloric acid. 2. Recall that alkalis are soluble bases. <p>Learning Outcome:</p> <ul style="list-style-type: none"> • What are alkalis? • Differentiate between alkali and base. • Write word equation for the reaction. • Write balanced symbol equation for the reaction. 	Zoom	Teacher uses power point presentation to explain the change in pH on adding powdered calcium hydroxide or calcium oxide to a fixed volume of dilute hydrochloric acid.
5/11/2020 Thursday	2 3	<p>Learning Objective:</p> <p>Explain the general reactions of aqueous solutions of acids with metal hydroxides to produce salts.</p> <p>Learning Outcome:</p> <ul style="list-style-type: none"> • Describe the reactions of alkalis with acids. • Write word equation for the reaction. • Write balanced symbol equation for the reaction. <p>Learning Objective:</p>		Teacher uses power point presentation to explain the reactions of aqueous solutions of acids with metal hydroxides to produce salts

		To answer the questions, on alkalis and balancing equations , in the worksheet. Learning outcome: Students will be able to reinforce the concepts learned in the previous lesson by answering the questions in the worksheet.		Instruction will be given in the Google classroom to complete the Worksheet.
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Home work: Solve S1,S2 and E1 questions :SC8d(Pg61)

YEAR 10 B/C/F–CHEMISTRY (Boys)

WEEK10 (1st Nov to 5th Nov)

Work Sent to the students through Google classroom

Topic: Alkalis and balancing equations

Resources: Text book, Worksheet, power point.

Date	Lesson	Topic	Mode of Teaching	
1/11/2020 Sunday	0	<p>Learning Objective:</p> <ol style="list-style-type: none"> 1.Recall the formulae of elements, simple compounds and ions. 2.Write word equations. 3.Write balanced chemical equations, including the use of the state symbols (s), (l), (g) and (aq). <p>Learning Outcome:</p> <ul style="list-style-type: none"> •Recall the chemical formulae of some common compounds. •Recall and use state symbols. •Balance chemical equations.. 	Google Meet	Teacher uses powerpoint presentation that contains interactive questions .
2/11/2020 Monday	1&2	<p>Learning Objective:</p> <ol style="list-style-type: none"> 1.Investigate the change in pH on adding powdered calcium hydroxide or calcium oxide to a fixed volume of dilute hydrochloric acid. 2.Recall that alkalis are soluble bases. 3. Explain the general reactions of aqueous solutions of acids with metal hydroxides to produce salts. <p>Learning Outcome:</p>	Google Meet	Teacher uses powerpoint presentation to explain the reactions of aqueous solutions of acids with metal

		<ul style="list-style-type: none"> • What are alkalis? • Differentiate between alkali and base. • Describe the reactions of alkalis with acids. • Write word equation for the reaction. • Write balanced symbol equation for the reaction. 		hydroxides to produce salts.
4/11/2020 Wednesday	4	<p>Learning Objective:</p> <p>To answer the questions, on alkalis and balancing equations in the worksheet.</p> <p>Learning outcome:</p> <p>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 :SC8d(Pg61)