

YEAR 11 A/D/E – CHEMISTRY (Girls)

WEEK 8 (10th May to 14th May)

Lesson Objective: To solve problems related to empirical formula and molecular formula.

Learning Outcome: Understand ideal gas equation.

Find the empirical formula using combustion analysis

Work Sent to the students through Group email/ Google classroom.

Date	Lesson	Topic	Mode of Teaching	
10 th May Sunday	7	Ideal Gas equation	Asynchronous learning	https://www.youtube.com/watch?v=BxUS1K7xu30 Research on the Ideal Gas equation $PV=nRT$. Students should write a report or prepare a powerpoint presentation.
11 th May Monday	3 4	Use simple steps to calculate the empirical formula of a compound Discuss ideal gas equation. Solve problems related to ideal gas equation.	Zoom	Revise the topic during the Zoom lesson using power point presentation and text book. Discuss and solve worksheet questions and give chance for students to present the answers for the whole class.
12 th May Tuesday	7	Plan an experiment to find the empirical formula of magnesium oxide.	GC	Write the plan and upload the work on Google classroom.
14 th May Thursday	7	Understand the difference between empirical and molecular formula. Find molecular formula from a empirical formula.	GC	Complete the worksheet questions at the end of the period.

YEAR 11 B/C/F – CHEMISTRY (Boys)

WEEK 8 (10th May to 14th May)

Lesson Objective: To solve problems related to empirical formula and molecular formula.

Learning Outcome: Understand ideal gas equation.

Find the empirical formula using combustion analysis.

Work Sent to the students through Group email/ Google classroom

Date	Lesson	Topic	Mode of Teaching	
10 th May Sunday	4	Ideal Gas equation	Asynchronous learning	https://www.youtube.com/watch?v=BxUS1K7xu30 Research on the Ideal Gas equation $PV=nRT$. Students should write a report or prepare a powerpoint presentation.
12 th May Tuesday	5	Use simple steps to calculate the empirical formula of a compound	Zoom	Revise the topic during the Zoom lesson using power point presentation and text book. Discuss and solve worksheet questions and give chance for students to present the answers for the whole class.
	6	Discuss ideal gas equation. Solve problems related to ideal gas equation.		
13 th May Wednesday	1	Plan an experiment to find the empirical formula of magnesium oxide.	GC	Write the plan and upload the work on Google classroom.
	3	Understand the difference between empirical and molecular formula. Find molecular formula from a empirical formula.	GC	Complete the worksheet questions at the end of the period.