

YEAR 10 A/D/E–CHEMISTRY (girls)

WEEK 9 (17th May to 21st May)

Work Sent to the students through Group email/ Google classroom

Lesson objective : Understand Nanoparticles and uses.

Learning outcome: Define nanoparticles.

Identify uses of nanoparticles

Suggest the risks of nanoparticles

Resources: Text book, Worksheet file, video, power point presentation.

Date	Lesson	Topic	Mode of Teaching	
17th May Sunday	5	Relate the uses of nanoparticulate materials to their properties.	Zoom	Teacher uses powerpoint presentation that contains interactive questions on how and why nanoparticles are chosen for particular uses.
18th May Monday	5	Evaluate the use and impact of nonparticulate materials on human life and on environment	Zoom	Teacher uses powerpoint presentation that contains interactive questions.
	6	Chapter Questions & Worksheet file questions of Nanoparticles.	GC	Instruction will be given to complete the textbook and worksheet file questions.
19th May Tuesday	8	Assessment on SC26 a-c : Bulk and Surface Properties Including Nanoparticles.	Zoom	Assessment conducted on Zoon using Google forms.

YEAR 10 B/C/F–CHEMISTRY (boys)

WEEK 9 (17th May to 21st May)

Work Sent to the students through Group email/ Google classroom

Lesson objective : Understand Nanoparticles and uses.

Learning outcome: Define nanoparticles.

Identify uses of nanoparticles

Suggest the risks of nanoparticles

Resources: Text book, Worksheet file, video, power point presentation.

Date	Lesson	Topic	Mode of Teaching	
17th May Sunday	0	Relate the uses of nanoparticulate materials to their properties.	Zoom	Teacher uses powerpoint presentation that contains interactive questions on how and why nanoparticles are chosen for particular uses.
18th May Monday	8	Evaluate the use and impact of nonparticulate materials on human life and on environment	Zoom	Teacher uses powerpoint presentation that contains interactive questions.
19th May Tuesday	3	Chapter Questions & Worksheet file questions of Nanoparticles.	GC	Instruction will be given to complete the textbook and worksheet file questions.
	4	Assessment on SC26 a-c : Bulk and Surface Properties Including Nanoparticles.	Zoom	Assessment conducted on Zoon using Google forms.

YEAR 10 G/H-CHEMISTRY (IGCSE)

WEEK 9 (17th May to 21st May)

Work Sent to the students through Group email/ Google classroom

Unit 2 – Extraction and uses of metals/Reactivity Series

Lesson Objective: To explain the uses of metals.

Learning Outcome: Suggest uses of metals

Identify the properties behind the uses.

Establish the relation between properties and uses of metals

Resources: Text book, Worksheet, IGCSE science free lesson video, power point.

Date	Lesson	Topic	Mode of Teaching	
17th May Sunday	7	Understand that an alloy is a mixture of two or more elements, at least one of which is a metal, and that the resulting mixture has metallic properties Define alloys. Justify the properties of alloys based on the structure.	Zoom	Teacher uses PowerPoint presentation that contains interactive questions.
	8	Explain uses of metals based on the physical properties. List uses of metals and relate these uses to their properties, including; Aluminium (overhead electrical wiring and alloys for aircraft); Copper (electrical wiring, plumbing, brass and coinage) Iron (bridges and structures);	Zoom	Teacher uses PowerPoint presentation to show the importance of alloying and the uses of different types of steel.
18th May Monday	1	Understand how metals can be arranged in a reactivity series based on their reactions with: • water • dilute hydrochloric or sulfuric acid. Write balanced equations for displacement reactions involving metal oxides.	Zoom	Teacher uses PowerPoint presentation that contains interactive questions
19th May Tuesday	3	ASSESSMENT Portion Extraction of Metals.	GC	Assessment is conducted on Google classroom.