

Subject	Science	Mode of teaching
Class/ Division	Year 8 A-F	
Week	25 (14 th Feb to 18 th Feb 2021)	
No of lessons	4	
Unit	8G Metals and their uses	
Lesson 1	Chapter – 8Ga Metal Properties LO: To know what makes metals useful Learning Outcomes: <ul style="list-style-type: none"> • Give examples of metals and non metals. • Describe some common properties and uses of metals. • Identify some unusual metals and non metals by their properties. • Explain how metals are different from non metals. • Write word equations for the reactions of metals and non-metals. • Describe what a catalyst is and some uses of catalysts. 	Zoom lesson
Task	Complete the text book questions 8Ga pages 102 & 103	
Resources	Text book Exploring Science (Active Learn) Pages 102 & 103 Active learn slides and PowerPoint. Text book Exploring Science (Active Learn)	
Lesson 2	Chapter – 8Gb Corrosion LO: To know what happens during rusting and corrosion Learning Outcomes: <ul style="list-style-type: none"> • Describe what happens during corrosion and rusting. • Recognize the difference between corrosion and rusting. • Identify the conditions necessary for rusting. • Explain how metals can be protected from corrosion and rusting • Identify the products and reactants using a symbol equation. 	Zoom
Task	Answer the textbook questions 8Gb pages 104 & 105	
Resources	Text book Exploring Science (Active Learn) pages 104 & 105 Active learn slides and PowerPoint.	
Lesson 3	Chapter 8Gc Metals and Water LO: To know how metals react with water Learning Outcomes: <ul style="list-style-type: none"> • Describe the reactions of metals with water. • Recall the test for hydrogen gas. • Place metals and carbon in order of reactivity as per their reaction with 	Zoom

Task Resources	oxygen and water. <ul style="list-style-type: none"> • Write word and symbol equations for reactions. Complete the textbook Questions on pages 106 & 107 Exploring Science 8 International textbook pages 106 & 107	
Lesson 4 Task Resources	Reinforcement Chapter 8Ga, 8Gb & 8Gc LO: Reinforcement of Metals properties, uses and corrosion. Learning Outcomes: <ul style="list-style-type: none"> • Describe some common properties and uses of metals. • Write word equations for the reactions of metals and non-metals. • Recognize the difference between corrosion and rusting. • Identify the conditions necessary for rusting. • Describe the reactions of metals with water. • Write word and symbol equations for reactions. Workbook Exploring Science 8 International pages 76 to 78 Workbook Exploring Science 8 International	GC

Homework – Write differences between Metals and Non-metals