

Subject	Science	Mode of teaching
Class/ Division	Year 8 A-F	
Week	7 (11 th Oct to 15 th October)	
No of lessons	4	
Unit	8E Combustion	
Lesson 1	<p>Chapter 8Ec Fire Safety LO: To know how to stop a combustion reaction Investigate the amount of oxygen needed for burning Learning Outcomes:</p> <ul style="list-style-type: none"> • Define an exothermic reaction and give examples. • Use the fire triangle to explain how to control a fire. • Identify hazard symbols for substances likely to cause fires. • Describe different ways of putting out fire. • Identify independent, dependent and control variables in an experiment and describe how to control them. • Explain why it is important to carry out a fair test. 	Zoom lesson
Task	Answer the textbook questions 8Ec.	
Resources	1. Text book Exploring Science (Active Learn) Pages 74-75 2. Active learn slides and PowerPoint.	
Lesson 2	<p>Continuation of Chapter 8Ec Fire Safety LO: Reinforcement of Fire Safety (Worksheet 8Ec-5). Learning Outcomes:</p> <ul style="list-style-type: none"> • Use the idea of the ‘fire triangle’ to explain how to extinguish a fire. • Explain why different types of fire need to be put out in different ways. • Describe how to stay safe in familiar situations 	GC
Task	Answer Worksheet 8Ec-5 questions and complete Active Teach Task.	
Resources	Worksheets Exploring Science (Active Learn) 8Ec-5, Active Teach Task allocation	
Lesson 3	<p>Chapter 8Ed Air Pollution LO: To know how burning fuels cause pollution Learning Outcomes:</p> <ul style="list-style-type: none"> • Define complete and incomplete combustion. • Describe pollutant that are formed by burning fuels • Explain how these pollutants cause problems and how their effects can be reduced. 	Zoom

Task	Answer the textbook questions 8Ed	
Resources	1. Text book Exploring Science (Active Learn) Pages 78-79 2. Active learn slides and PowerPoint.	
Lesson 4	Continuation of Chapter 8Ed Air pollution LO: Reinforcement of concepts on Air pollution Learning Outcomes: <ul style="list-style-type: none"> • Recall examples of non-metal oxide pollutants caused by burning fossil fuels and their impurities. • Describe some effects of acid rain. • Explain how sulfur dioxide and nitrogen oxides are produced by human activity, and help to cause acid rain. • State what a catalyst is and describe the function of vehicle catalytic converters. 	Zoom
Task	Complete the Worksheet 8Ed-1 and Active Teach Tasks	
Resources	Active Teach worksheets and Active Teach tasks.	