

TBAT	Outcomes	Skills	Assessment
<p>1. Fire safety</p> <p>Explain how to extinguish different fires</p>	<p>Name the three sides of the fire triangle.</p> <p>Describe how to stay safe in familiar situations.</p> <p>Use the idea of the 'fire triangle' to explain how to extinguish a fire.</p>		Self assess
<p>2. Burning fuels</p> <p>Describe the products of combustion reactions</p>	<p>Define combustion</p> <p>Identify the products formed by the complete and incomplete combustion of hydrocarbons.</p> <p>Write word equations for complete combustion</p>	Writing equations	Self assess
<p>3. Air pollution</p> <p>Explain how acid rain forms and it's effects</p>	<p>Explain how sulfur dioxide and nitrogen oxides are produced in some combustion reactions.</p> <p>Explain how sulfur dioxide and nitrogen oxides help to cause acid rain.</p>		Self assess

	<p>Explain how vehicle catalytic converters work (to reduce pollution from fossil fuel combustion).</p> <p>Explain the effects of acid rain on organisms, bodies of water.</p>		
<p>4. Global warming</p> <p>Explain global warming and it's effects</p>	<p>State the meaning of the greenhouse effect.</p> <p>Explain how carbon dioxide helps to cause the greenhouse effect.</p> <p>Explain how methods of controlling the levels of carbon dioxide work.</p> <p>Evaluate the link between global temperature and levels of carbon dioxide in the atmosphere.</p>		Self assess
<p>5. Conservation of mass</p> <p>Define and explain conservation of mass</p>	<p>Define conservation of mass</p> <p>Explain the change in mass seen in reactions.</p>		Self assess
<p>6 . Endothermic and exothermic reactions</p> <p>Identify reactions as endothermic or exothermic</p>	<p>Define endo/exothermic reactions</p> <p>Classify changes as exothermic or endothermic from temperature changes.</p>	<p>Identify reactions as endo/exothermic via temperature changes in reactions</p>	Teacher assessed

7. Therapy			
8. Oxidation Write equations for metal oxidation reactions	State the meaning of: oxidation. Describe the reactions of metals with oxygen.	Producing magnesium oxide practical to investigate change in mass	Self-assess
9. Revision	Complete the revision mat to consolidate their learning. Complete the quick quiz to assess their understanding and focus their revision		
10. Test	End of unit test	Exam technique	
11. Reflection	Students to reflect on their assessment using the knowledge organiser		