

Subject: Chemistry **Year:** 11 **Ability:** All
Separate Science



	Half-term 1		Half-term 2		
Topic	Organic Chemistry	Chemical analysis	Chemical analysis	Chemistry of the atmosphere	Revision and mock exams
Topic overview Pupils will learn...	<p>How to explain how crude oil is formed, separated, and used.</p> <p>How hydrocarbons react and behave.</p>	<p>To understand how qualitative tests in chemistry can be used to identify specific chemicals.</p>	<p>The uses and merits of instrumental methods of analysing chemicals.</p>	<p>How the atmosphere of the Earth has evolved and changed over time to become the present atmosphere and then looking at problems that affect the atmosphere. The composition of the atmosphere in the past and now. How other factors affect the atmosphere's composition and the effects this has.</p>	

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	Half-term 3		Half-term 4	
Topic	Chemistry of the atmosphere	Using resources	Using resources	RETEACH and Public Examination Period
Topic overview Pupils will learn...	<p>How the atmosphere of the Earth has evolved and changed over time to become the present atmosphere and then looking at problems that affect the atmosphere.</p> <p>The composition of the atmosphere in the past and now. How other factors affect the atmosphere's composition and the effects this has.</p>	<p>How industries use the Earth's natural resources to manufacture useful products. Chemists seek to minimise the use of limited resources, use of energy, waste and environmental impact in the manufacture of these products.</p> <p>Evaluate the environment and ways to be sustainable and minimise the impact humans on the environment.</p>	<p>How industries use the Earth's natural resources to manufacture useful products. Chemists seek to minimise the use of limited resources, use of energy, waste and environmental impact in the manufacture of these products.</p> <p>Evaluate the environment and ways to be sustainable and minimise the impact humans on the environment.</p>	