

## What am I learning in Yr 11 GCSE COMBINED/ELC Science this year?

<u>Time</u>	<u>Core content</u>	<u>Assessments</u>	<u>ELC</u>
Autumn 1 Autumn 2	B5.1 Feedback and Control  <b>RP: Human Reaction Time</b>	Big knowledge quiz for each topic Timed exam questions Focus: AO1, AO2 & AO3  <b>NOVEMBER MOCKS</b>  <b>AQA COMBINED SCIENCE Biology 2 Paper</b> <ul style="list-style-type: none"> <li>• Homeostasis &amp; response</li> <li>• Inheritance, variation and evolution</li> <li>• Ecology</li> </ul> <b>Chemistry 2 Paper</b> <ul style="list-style-type: none"> <li>• The rate &amp; extent of chemical change</li> <li>• Organic chemistry</li> <li>• Chemical analysis</li> <li>• Chemistry of the atmosphere</li> <li>• Using resources</li> </ul> <b>Physics 2 Paper</b> <ul style="list-style-type: none"> <li>• Forces</li> <li>• Waves</li> <li>• Magnetism &amp; Electromagnetism</li> </ul>	ELC folder set up  2025 Candidate Record form completed  3 TDAs completed in class Component 1 Human Reaction time Component 4 Reaction rates - conc Component 6 Infrared radiation  3 x ESAs (sample set) completed in class
	C5.1 Carbon Chemistry		
	P5.1 Electromagnetic Radiation  <b>RP: Infrared Radiation</b>		
	B5.2 Controlling Reproduction		
	C5.2 Controlling Reactions  <b>RP: Effect of concentration on reaction rate</b>		
	P5.2 Force Fields		
	B5.3 Controlling Nature		
	C5.4 Chemical Analysis  <b>RP: Chromatography</b>		
	B5.4 Evolution		
C5.3 Our Atmosphere			
Spring 1	<b>MERIT Mock Report</b> <b>Identify P2 Knowledge and skills gaps</b> <b>P2 Required practical's - ECOLOGY RP Sampling x 2</b>	Big knowledge quiz for each topic Focus: AO1, AO2 & AO3 Timed questions	2 TDAs completed in class Component 3 Electrolysis Component 4 Density  <b>3 x 2025 ESAs completed</b>

<p><b>Spring 2</b></p>	<p><b>Paper 1 Exam Preparation</b>  <b>Exam question practice</b>  <b>P1 Required practical's</b></p>	<p><b>AQA COMBINED SCIENCE</b>  <b>Biology 1 Paper (AQA Comb FT)</b></p> <ul style="list-style-type: none"> <li>● Cell biology</li> <li>● Organisation</li> <li>● Infection &amp; response</li> <li>● Bioenergetics</li> </ul> <p><b>Chemistry 1 Paper(AQA Comb FT)</b></p> <ul style="list-style-type: none"> <li>● Atomic structure &amp; periodic table</li> <li>● Bonding, structure &amp; properties of matter</li> <li>● Quantitative chemistry</li> <li>● Chemical energy</li> <li>● Energy changes</li> </ul> <p><b>Physics 1 Paper (AQA Comb FT)</b></p> <ul style="list-style-type: none"> <li>● Energy</li> <li>● Electricity</li> <li>● Particle model of matter</li> <li>● Atomic structure</li> </ul>	<p>1 TDA completed in class  Component 2 Photosynthesis</p> <p><b>3 x 2025 ESAs completed</b>  <b>ELC completed</b></p>
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