

Science Department

Curriculum Overview - Year 11 - Combined Science

The Big Picture:

Year 11 will study: How inheritance and evolution has adapted organisms to their environments. How useful organic chemicals are separated from crude oil, how we can use the Earth's resources effectively and responsibly and how the Earth's atmosphere has changed over billions of years. How forces affect the motion of objects and the resolution of forces.

AO1: Demonstrate knowledge and understanding of the topic.

AO2: Apply your knowledge and understanding of the topic and use your scientific ideas.

AO3: Analyse information in a scientific context and use your understanding to make predictions and evaluations.

<https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

<p>Term 1: Variation and Evolution, Genetics and Evolution, Crude Oil and Fuels and Forces in Balance Green Task: Evolution, Fractional Distillation, Forces Assessment Objectives covered - AO1, AO2, AO3</p>	<p>Term 4: Revision Green Task: Assessment Objectives covered - AO1, AO2, AO3</p>
<p>Term 2: Biodiversity and Ecosystems, Human Nervous System, The Earth's Atmosphere and Forces in Motion Green Task: Nervous System, Changing Atmosphere, Forces in motion Assessment Objectives covered - AO1, AO2, AO3</p>	<p>Term 5: Revision / Public Examinations Green Task: Assessment Objectives covered - AO1, AO2, AO3</p>
<p>Term 3: Hormonal Coordination, The Earth's Resources and Electromagnetism Green Task: Hormones, Electromagnetism Assessment Objectives covered - AO1, AO2, AO3</p>	