

Science Department

Curriculum Overview – Year 10- Triple Science- Biology

The Big Picture:

Year 10 will study: The organisation of animal and plant structures and how they are adapted to their function. The symptoms, causes and treatment of communicable and non-communicable disease. Energy transfers in ecosystems. The ways in which organisms vary and the causes of this. How organisms have evolved and theories of evolution.

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/biology-8461>

<p>Term 1: Organising animals and plants, communicable disease. Green Task: B4 Blood B5 Infectious disease Assessment Objectives covered - AO1, AO2, AO3</p>	<p>Term 4: Reproduction, Variation and Evolution. Green Task: B13 Cell division B14 GM and selective breeding Assessment Objectives covered - AO1, AO2, AO3</p>
<p>Term 2: Communicable disease, preventing and treating disease. Green Task: B6 Vaccination Assessment Objectives covered - AO1, AO2, AO3</p>	<p>Term 5: Variation, Evolution and Genetics. Green Task: B15 Evolution Assessment Objectives covered - AO1, AO2, AO3</p>
<p>Term 3: Non-communicable disease, photosynthesis, respiration Green Task: B7 NCD B8 Photosynthesis B9 Respiration Assessment Objectives covered - AO1, AO2, AO3</p>	<p>Term 6: Adaptation and interdependence, organisation of an ecosystem. Green Task: B16 Sampling B17 Carbon cycle Assessment Objectives covered - AO1, AO2, AO3</p>