

Year 11

B7 - Ecology

Ecosystems
Water & Nutrient Cycles
Biodiversity
Trophic Levels

B6 - Inheritance, Variation & Evolution

DNA
Reproduction & Meiosis
Inherited Disorders
Variation & Evolution
Selective Breeding
Genetic Engineering

B5 - Homeostasis & Response

Nervous & Endocrine System
Blood Glucose
Human Reproduction
Feedback System



Knowledge	Attributes / Character	Skills	Experiences
<p>Homeostasis Genetics and Inheritance Ecology</p>	<ul style="list-style-type: none"> • Students are given opportunities to develop their oracy and literacy in method writing and presentations. This helps them to talk like a scientist. • Organisation - students will need to complete practical work in groups as well as produce methodical procedures for what they are doing. Homework is set on a regular basis and helps reinforce the knowledge students have learnt, students need to ensure it is complete. Extra support is provided to students in the form of booster/intervention sessions. Students should make time to attend these sessions, to help maximise their progress. • Resilience - after mock exams, DIRT lessons are embedded into the curriculum to help students close gaps and make progress. Students will also be attempting 2 step calculations for the first time, which require greater problem solving skills. • Empathy - students will learn the impact of faulty hearts and the different methods to treat such diseases. 	<ul style="list-style-type: none"> • Discussing how theories change over time • Creating risk assessments • Creating hypotheses • Evaluating methods • Presenting data • Interpreting data 	<p>Year 11 careers Required practicals</p>