



Year 11: Combined Biology

Curriculum Intent: in year 11 combined science Biology the aim is to build on students' knowledge learned from year 7-10 to being able to apply this knowledge. Exam skills will be taught through recapping the knowledge the students have developed in the following topics:

- Cell-Level Systems
- Scaling Up
- Organism-Level Systems
- Community-Level Systems
- Genes, Inheritance and Selection
- Global Challenges

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Key ideas and sequence of learning	<p>Module B6 – global challenges</p> <ul style="list-style-type: none"> • Communicable diseases • Selective breeding • Genetic engineering <p>Module B5 – Genes, inheritance and selection.</p> <ul style="list-style-type: none"> • Inheritance recap • Natural selection <p>Module 4: Community Level systems</p> <ul style="list-style-type: none"> • Nutrient cycles <p>Module B3 – Organ level systems</p> <ul style="list-style-type: none"> • Nervous system • Endocrine system • Menstrual cycle 	<p>Module B3 – Organ level systems</p> <ul style="list-style-type: none"> • Controlling reproduction and infertility • Homeostasis <p>Module B2 – Scaling up</p> <ul style="list-style-type: none"> • Diffusion, Osmosis and active transport • Transport in plants • Transport in animals 	<p>Revision and consolidation</p> <p>Students will review their PPE exam papers in detail to identify strengths and weaknesses</p> <p>Students will then prepare for their GCSE exams in lessons with their teacher.</p> <p>They will also have intervention sessions where they revise key practical skills</p>	<p>Revision and consolidation</p> <p>Students will then prepare for their GCSE exams in lessons with their teacher.</p> <p>Students begin their GCSE exams</p>	<p>Students finish their GCSE exams</p>

Key Questions	All questions will be covered from years 7-10 topics			
Vocabulary	All vocabulary will be covered from years 7-10 topics			
Practical Skills	N/A	See above		