Year 12 Biology Curriculum Overview

Year 12	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Skills	Practical Endorsement research skills – throughout, plus AO3 data analysis, interleaved within topics.					
Knowledge	Transport and CVD (T1) Genes and Proteins (T2)		Cells and development (T3) Biodiversity, Evolution and Botany (T4)			Climate Science (T5)
Alive and British Values	We can Research, We are Resilient, We are Interdependent, We value Justice and Respect We value Ourselves					
Assessment		Early November – Topic 1 + 2	Early January – Topic 1 + 2		End of May - Topic 3+4	
Careers	Key scientific careers are referenced and explained throughout the course					

How will studying this subject in Key Stage Five build on learning from Key Stages Three and Four?:
Knowledge builds on the key principles in Biology from Combined Science GCSE and regularly uses these ideas to explain complex biological processes, for example diffusion, heat transfer, biological molecules, enzymes. The A Level course is designed to enable students to be literate and confident in explaining or manipulating the specific biological language and concepts taught in Further Education.

Year 13 Biology Curriculum Overview

Year 13	Term 1	Term 2	Term 3	Term 4	Term 5
Skills	Practical Endorsement research skills – throughout, plus AO3 data analysis, interleaved within topics.				
Knowledge	Photosynthesis and Ecology (T5)		Respiration and Exercise (T7)		Scientific Article and Revision
	Human Health and Disease (T6)		Nervous system and Control (T8)		
Alive and British Values	We can Research, We are Resilient, We are Interdependent, We value Justice and Respect We value Ourselves				
Assessment		November – Topic 5	December – Topic 6	February mock – Topics 1-6	Topic 7 and 8
Careers	Key scientific careers are referenced and explained throughout the course				
How will studying this subject in Key Stage Five help students to make their unique contribution to the world?: We produce independent, confident competent Biologists, which are fully prepared for either further education in science and/or have a range of transferrable skills and knowledge that make them good competitors in employment.					