



Key Stage 5 Biology Curriculum Plan

KS5 Curriculum Intent - Biologists will have the knowledge, skills and desire to understand and question the world around them.

Year 12 LTP

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit covered	Biological molecules Nucleic acids	Cell structure Transport across cell membrane Cell recognition and the immune system	Exchange of substances Mass transport	DNA, genes and protein synthesis Biodiversity Genetic diversity	Energy and ecosystems Numeracy skills	Populations in ecosystems Working scientifically Numeracy skills
Assessment	Required practicals KAT	Required practicals KAT	Required practicals KAT	Required practicals KAT	Required practicals KAT	Required practicals KAT
Interleaving	Key Concepts from KS4 Biology to support delivery of KS5.	Biological molecules Nucleic acids	Cell structure Transport across cell membrane Cell recognition and the immune system	Exchange of substances Mass transport	DNA, genes and protein synthesis Biodiversity Genetic diversity	Energy and ecosystems Numeracy skills

Year 13 LTP

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit covered	Photosynthesis Respiration Energy and ecosystems	Inherited change Populations and evolution Response to stimuli	Nervous coordination Gene expression	Homeostasis Recombinant DNA technology	Revision Populations in ecosystems Biological molecules Nucleic acids Exchange of substances Mass transport	
Assessment	Required practicals KAT	Required practicals KAT	Required practicals KAT Mock	Required practicals KAT Mock		
Interleaving	Energy and ecosystems	Year 12 content DNA, genes and protein synthesis	Year 12 content DNA, genes and protein synthesis	Year 12 content Transport across cell membrane	All to prepare for exam.	