

Year 12 Biology

Year 12 Subject Curriculum Information



	Key Questions:	Specification:	Skill Focus:
Term 1:	What are living things made of?	3.1 Biological Molecules 3.2 Cell Structure	AO1: Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures AO2: Apply knowledge and understanding of scientific ideas, processes, techniques and procedures AO3: Analyse, interpret and evaluate scientific information, ideas and evidence.
Term 2:	How do cells recognise other cells? How are organisms dependent on their environment?	3.2.4 Cell recognition 3.3 Organisms exchange substances with their environment 3.4 Genetic information, variation and relationships between organisms	AO1: Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures AO2: Apply knowledge and understanding of scientific ideas, processes, techniques and procedures AO3: Analyse, interpret and evaluate scientific information, ideas and evidence.
Term 3:	How do the topics we have studied link together? How is energy transferred between living things?	3.1 – 3.4 A review of the topics studied so far with the aim of making synoptic links in preparation for essay writing 3.5 Energy transfers in and between organisms	AO1: Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures AO2: Apply knowledge and understanding of scientific ideas, processes, techniques and procedures AO3: Analyse, interpret and evaluate scientific information, ideas and evidence.

Year 12 Subject Assessment Information

Assessment	Time/Venue	What will be assessed?
Biology Baseline	Assessment held in-class 60 minutes Teacher assessed	Higher level GCSE recall plus the AS topics covered so far Data handling and numeracy skills Describing graphical data
Assessment 2	Assessment held in-class 60 minutes Teacher assessed	Biology knowledge to date - recall and application Data handling and numeracy skills Problem solving Describing graphical data
Assessment 3 (mock exam)	Assessment held in the Exam Hall 2 x 2 hr papers Teacher assessed	All AS content - recall and application Data handling and numeracy skills Problem solving Describing graphical data

