

A Level Biology Curriculum Map

Teacher 1 -Module 2 basic components of living things and cell division, module 3, module 5 - neuronal communications, hormonal communications and homeostasis and plant responses and module 6 manipulating genomes and cloning and biotechnology

Teacher 2- Module 2 biological molecules, enzymes, structure of plasma membranes, module 4, module 5 energy for biological molecules and respiration and module 6 ecosystems and populations and sustainability

Unit 1 Practical skills and techniques are taught alongside the theory covered in modules 2-6

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 12	<ul style="list-style-type: none"> Transition from GCSE to A level <p>Module 1 PAG 1 – Microscopy PAG 9 – Qualitative testing PAG 6 - Chromatography</p> <p>Module 2 <ul style="list-style-type: none"> Basic components of living organisms Biological molecules </p>	<p>Module 1 PAG 1 – Microscopy PAG 4 - Enzymes PAG 10 – Computer modelling</p> <p>Module 2 <ul style="list-style-type: none"> Enzymes Structure of plasma membranes Cell division </p> <p>Module 3 <ul style="list-style-type: none"> Exchange surfaces and breathing </p>	<p>Module 1 PAG 1 – Microscopy PAG 2 – Dissection PAG 5 – Potentiometer PAG 8 – Transport in and out of cells</p> <p>Module 2 <ul style="list-style-type: none"> Function of plasma membranes </p> <p>Module 3 <ul style="list-style-type: none"> Transport in animals </p> <p>Module 4 <ul style="list-style-type: none"> Classification </p>	<p>Module 1 PAG 2-Dissection PAG 3 – Sampling techniques</p> <p>Module 3 <ul style="list-style-type: none"> Transport in plants </p> <p>Module 4 <ul style="list-style-type: none"> Evolution Biodiversity </p>	<p>Yr 12 Assessments</p> <p>Module 5 <ul style="list-style-type: none"> Coordination and neurones </p> <p>Module 4 <ul style="list-style-type: none"> Communicable diseases in animals </p>	<p>Module 4 <ul style="list-style-type: none"> Communicable diseases in plants </p> <p>Module 5 <ul style="list-style-type: none"> Neuronal communication Energy for biological molecules </p>
Year 13	<p>Module 1 PAG 5 – Colorimeter</p> <p>Module 5 <ul style="list-style-type: none"> Hormonal communication Respiration </p> <p>Module 6</p>	<p>Mock exams</p> <p>Module 1 PAG 11 – Investigating animal responses PAG 12 – Research skills</p>	<p>Module 1 PAG 3 - Sampling PAG 11-Investigating plant responses</p> <p>Module 5 – Plant responses</p>	<p>Mock exams</p> <p>Module 6 <ul style="list-style-type: none"> Cloning and Biotechnology </p>	<p>Revision, consolidation and exam preparation</p>	<p>External A Level Exams</p>

	<ul style="list-style-type: none">• Genetics of living systems• Inheritance and variation	Module 5 <ul style="list-style-type: none">• Homeostasis Module 6 <ul style="list-style-type: none">• Ecosystems	Module 6 <ul style="list-style-type: none">• Manipulating genomes• Populations and sustainability			
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