

KS4 Curriculum Map – Biology

Year 10	Autumn 1 (7 weeks)	Autumn 2 (6 weeks)		Spring 1 (5 weeks)	Spring 2 (6 weeks)	Summer 1 (6 weeks)	Summer 2 (7 weeks)
Topic	Topic 5 – Homeostasis (paper 2)	Topic 5 – Homeostasis (paper 2) Topic 6 – Inheritance, variation and evolution (paper 2)	Year 10 Exam	Topic 6 – Inheritance, variation and evolution (paper 2)	Topic 6 – Inheritance, variation and evolution (paper 2) Topic 7 – Ecology (paper 2)	Topic 7 – Ecology (paper 2)	Topic 7 – Ecology (paper 2) Revision of topics 5-7 (paper 2)
Assessment	Topic tests Extended response exam questions (literacy, numeracy, analysis skills) AFL in lessons	Topic tests Extended response exam questions (literacy, numeracy, analysis skills) AFL in lessons		Topic tests Extended response exam questions (literacy, numeracy, analysis skills) AFL in lessons	Topic tests Extended response exam questions (literacy, numeracy, analysis skills) AFL in lessons	Topic tests Extended response exam questions (literacy, numeracy, analysis skills) AFL in lessons	Topic tests Extended response exam questions (literacy, numeracy, analysis skills) AFL in lessons
Link with GCSE Skills and AOs	<p>Demonstrate knowledge and understanding of the content developed in each topic, including the associated mathematical and practical skills, and ability to construct and develop a sustained line of reasoning which is coherent, relevant, substantiated and logically structured.</p> <p>AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures. AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures. AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.</p>						

Year 11	Autumn 1 (7 weeks)	Autumn 2 (6 weeks)	Spring 1 (5 weeks)	Spring 2 (6 weeks)	Summer 1 (6 weeks)	Summer 2 (7 weeks)
Topic	<p>Topic 5: Homeostasis (paper 2)</p> <p>Topic 6: Inheritance, variation and evolution (paper 2)</p>	<p>Topic 6: Inheritance, variation and evolution (paper 2)</p> <p>Topic 7: Ecology (paper 2)</p>	<p>Topic 6: Inheritance, variation and evolution (paper 2)</p> <p>Topic 7: Ecology (paper 2)</p>	<p>Mock exam 2</p>	<p>Topic 7: Ecology (paper 2)</p> <p>Revision of topics 1-4 (paper 1)</p>	
Assessment	<p>Work Experience</p> <p>Topic tests</p> <p>Extended response exam questions (literacy, numeracy, analysis skills)</p> <p>AFL in lessons</p>	<p>Mock Exam 1</p> <p>Topic tests</p> <p>Extended response exam questions (literacy, numeracy, analysis skills)</p> <p>AFL in lessons</p>	<p>Topic tests</p> <p>Extended response exam questions (literacy, numeracy, analysis skills)</p> <p>AFL in lessons</p>		<p>Exam questions to consolidate AO1, AO2, and AO3 skills</p>	
Skills and AOs	<p>Demonstrate knowledge and understanding of the content developed in each topic, including the associated mathematical and practical skills, and ability to construct and develop a sustained line of reasoning which is coherent, relevant, substantiated and logically structured.</p> <p>AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.</p> <p>AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures.</p> <p>AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.</p>					