

21/22: Year 11 Curriculum and Assessment Map

Year11

Subject: The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Biology

The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Biology consists of two externally-examined papers. These are available at foundation tier and higher tier. Students must complete all assessments in the same tier. Students must complete all assessment in May/June in any single year. A mixture of different question styles, including multiple-choice questions, short answer questions, calculations and extended open-response questions.

Students will first cover paper one topics in each subject area to build fundamental concepts and principles necessary to progress to paper two topics. Students will take part in purposeful practical activities designed to deepen and broaden their understanding of the skills required for their GCSE Science. Their knowledge which will also be further strengthened by weekly targeted homework task.

All lessons will provide bespoke teaching focussing on individual learner needs. Summer term will be used for revision sessions with topics selected based on whole class needs whilst continuing to provide individualised bespoke teaching. Timed exam and longer mark exam questions such as 6 markers will be provided routinely to help prepare students for mock exams.

From November, individual targeted intervention sessions will be provided to fill further specific needs and gaps and to refine skills required for their Science GCSE.

	September - December		January - March		April - July	
Intent	Biology PAPER 1		Biology Paper 2		Assessment Objective	
	Assessment Objective		Assessment Objective		Assessment Objective	
Implementation	Topic 1 – Key concepts in biology	Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures. Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedure	Topic 1 – Key concepts in biology	Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures. Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedure	REVISION FOR SUMMER EXTERNAL EXAMS <i>Targeted Intervention for individuals.</i> <i>Covering missed practical's</i>	
	Topic 2 – Cells and control		Topic 6 – Plant structures and their functions			
Topic 3 – Genetics	Topic 7 – Animal coordination, control and homeostasis					
Topic 4 – Natural selection and genetic modification	Topic 8 – Exchange and transport in animals					
Topic 5 – Health, disease and the development of medicines	Topic 9 – Ecosystems and material cycles					

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	AP1	AP2		AP3
Impact	<i>Winter Mock Exams Biology F/H Paper 1</i>	<i>Spring 1 Core Mock Spring1 Diagnostic Assessment</i>	<i>Spring Mock Exams External Spring Exams NEAs Biology F/H Paper 2</i>	<i>External Summer National Exams Biology F/H Paper 1 and 2</i>