

Year 13 Biology Overview 2023-24

	Term 1	
Unit Title	Year 13 Biology	
Approximate Number of Lessons	28	
Curriculum Content	<p>Teacher 1 Unit 7 – Populations Unit 7 - Evolution</p> <p>Teacher 2 Unit 5 - Energy & ecosystems Unit 5 – Nutrient cycles Unit 5 - Respiration</p>	<p>Teacher 1 Unit 7 – Populations & ecosystems</p> <p>Teacher 2 Unit 6 - Stimuli</p>
Links to prior learning	GCSE units: B4 Bioenergetics, B6 Inheritance, B7 Ecology AS units: Unit 2 Cells, Unit 4 DNA	
Cultural Capital Opportunities	https://phet.colorado.edu/en/simulation/natural-selection https://ed.ted.com/best_of_web/4bURoBhk	
Assessment Focus	5.1 Photosynthesis 5.2 Respiration & 5.3 Energy & ecosystems 7.1 Inherited change 7.2 Populations & Evolution	
Name of Knowledge Organiser/Link to Organiser	Biology KO - Page 10 – 11, 14-15 - Biology Teams	

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	Term 2	
Unit Title	Year 13 Biology	
Approximate Number of Lessons	24	
Curriculum Content	<p>Teacher 1 Unit 8 – DNA alterations Unit 8 – Gene expression</p> <p>Teacher 2 Unit 6 – Nervous coordination</p>	<p>Teacher 1 Unit 8 – Using genome projects Unit 8 – Gene technologies</p> <p>Teacher 2 Unit 6 – Skeletal muscles Units 6 - Homeostasis</p>
Links to prior learning	GCSE units: B5 Nerves & hormones, B6 Inheritance AS level: Unit 2 Cells	
Cultural Capital Opportunities	The Anatomy Colouring Book https://www.worldofbooks.com/en-gb/books/wynn-kapit/anatomy-coloring-book/9780805350869?gclid=EAIaIQobChMIImrL-uZDM8QIVnIBQBh2WxgyiEAQYByABEgJI0PD_BwE https://www.ted.com/talks/riccardo_sabatini_how_to_read_the_genome_and_build_a_human_being?language=en	
Assessment Focus	6.1 Response to stimuli 6.2 Nervous coordination 6.3 Homeostasis 7.3 Populations in Ecosystems 8.1 Gene Expression	
Name of Knowledge Organiser/Link to Organiser	Biology KO - Page 12 – 17 - Biology Teams	

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	Term 3	
Unit Title	Year 13 Biology	
Approximate Number of Lessons	22	
Curriculum Content	Summer 1 Revision and end of course assessments	Summer 2 Revision and end of course assessments
Links to prior learning	All year 1 and year 2 A Level content	
Cultural Capital Opportunities		
Assessment Focus	8.2 Recombinant DNA technology End of course formal assessments – paper 1, paper 2 and paper 3	
Name of Knowledge Organiser/Link to Organiser	Biology KO - Biology Teams	