



Y13 Learning Journey. Subject: Biology A Level

Exam Requirements: Your A-level in biology is structured, and examined, in the following way:

Paper One:	Paper Two:	Paper Three:
<ul style="list-style-type: none"> · Any content from topics 1–4, including relevant practical skills · written exam: 2 hours · 91 marks 76 marks: a mixture of short and long answer questions, 15 marks: extended response questions 	<ul style="list-style-type: none"> · Any content from topics 5–8, including relevant practical skills · written exam: 2 hours · 91 marks 76 marks: a mixture of short and long answer questions, 15 marks: comprehension question 	<ul style="list-style-type: none"> · Any content from topics 1–8, including relevant practical skills · written exam: 2 hours · 78 marks 38 marks: structured questions, including practical techniques, 15 marks: critical analysis of given experimental data, 25 marks: one essay from a choice of two titles

Overview of the Year:

Week Beginning	The focus of your learning or revision this week:	Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)
04/09/23	Food chains and webs; nutrient cycles	
11/09/23	Fertilisers	RP7
18/09/23	Eutrophication, go through previous test (respiration), response to stimuli	
25/09/23	Plant tropisms, reflex arc,	RP10
02/10/23	Receptors, control of heart rate, reflex practical	Response to stimuli HW booklet
09/10/23	Neurones and nervous coordination, eye dissection, go through previous RPs	Response to stimuli test
16/10/23	Nerve impulse, action potential, speed of a nerve impulse	
Half Term		
30/10/23	Assessment Week One	
06/11/23	Synapses, go through response to stimuli test	
13/11/23	Mock feedback, structure of muscle, contraction of muscle	Nerves and muscles HW booklet
20/11/23	Principles of homeostasis, feedback mechanisms	Nerves and muscles test
27/11/23	Hormones and blood glucose regulation, diabetes and its control	RP 11
04/12/23	Structure of the nephron, kidney dissection, role of the nephron	
11/12/23	Role of hormones in osmoregulation, revision, go through RP11	essay
18/12/23	Essay work and paper 2 comprehension work	Homeostasis HW booklet
Christmas Break		

08/01/24	Inheritance, monohybrid inheritance, probability and genetic crosses	Homeostasis test
15/01/24	Dihybrid inheritance, codominance, sex linkage, go through test	essay
22/01/24	Autosomal linkage, epistasis, chi-squared, revision	Essay, inherited change HW booklet
29/01/24	Populations genetics, variation in phenotype, natural selection, evolution	Inherited change test
05/02/24	Isolation and speciation, go through test, revision	Essay, population s and ecosystems HW booklet
Half Term		
19/02/24	Gene mutations, stem cells, transcription and translation. Epigenetics	Populations and evolution test
26/02/24	Gene expression and cancer, genome projects, revision	Essay, gene expression HW booklet
04/03/24	DNA fragments, in vivo cloning, in vitro cloning, genetic screening	Gene expression test
11/03/24	Assessment Week Two	
18/03/24	Genetic screening, genetic fingerprinting, revision, go through gene expression test	essay
25/03/24	Mock exam feedback	essay
Easter Break		
15/04/24	Overall revision	essay
22/04/24	Overall revision	Paper 3
29/04/24	Overall revision	essay
07/05/24	Paper 3 feedback	
13/05/24	Provisional: A-level Exams Start	

<p>Exam Practice:</p> <p>You can find past papers to help support your revision and develop your exam technique here:</p> <p>A Level Biology Revision (padlet.com)</p>	<p>Revision Materials:</p> <p>We advise that you use the following revision materials:</p> <p>G:\Science\Home learning biology\Year 13\Revision</p>
<p>Glossaries:</p> <p>Vocabulary lists to support your revision can be found here:</p> <p>G:\Science\Home learning biology\Year 13\Revision</p> <p>AQA Subject specific vocabulary</p>	<p>Advice and Guidance for Revision</p> <ul style="list-style-type: none"> • Start your revision early so it allows you to revise for shorter bursts of time more often • Keep on revisiting topics to help build your memory • Test yourself often using flashcards, quizzes and exam questions- rereading material is not a proven effective technique. <p>Practice your exam technique using past paper questions. This will really help you to better understand what keywords you need to be using in your answers</p>