

Subject: Biology

Date (w/b)	Exams	Unit(s)	
02/09/2024		Ecology Required practical 3.5.2 Respiration <ul style="list-style-type: none"> Glycolysis Link/Krebs Electron Transport Chain Anaerobic Respiration Respiration test 3.5.1 Photosynthesis <ul style="list-style-type: none"> Chloroplasts and Chlorophyll Chromatography – Required Practical Light dependent reaction Light Independent reaction Photosynthesis Summary Chloroplast required practical Limiting Factors Photosynthesis test 	Ecosystems <ul style="list-style-type: none"> Sampling Succession Predation 3.6.1 Survival and response 3.6.2 Nervous coordination <ul style="list-style-type: none"> Nerves review from last year Nerves test
09/09/2024			
16/09/2024			
23/09/2024			
30/09/2024			
07/10/2024			
14/10/2024		<ul style="list-style-type: none"> Farming and cycles (Self study review) 	3.6.3 Muscles <ul style="list-style-type: none"> Muscle structure Muscle contraction Slow/Fast twitch muscles Muscles test
21/10/2024			
04/11/2024			
11/11/2024			
18/11/2024			
25/11/2024			
02/12/2024		3.7.1 Inheritance <ul style="list-style-type: none"> Monohybrid crosses Chi Squared Co-Dominance Multiple Alleles Sex-Linkage Dihybrid crosses 	<ul style="list-style-type: none"> Plant responses Choice chamber required practical
09/12/2024			
16/12/2024			
06/01/2025			
13/01/2025			
20/01/2025			
27/01/2025		<ul style="list-style-type: none"> Epistasis Autosomal Linkage Gene Pools/Allele frequency Hardy-Weinberg Phenotypes Inheritance test 	3.6.2 Homeostasis <ul style="list-style-type: none"> Homeostasis and negative feedback Blood glucose control Insulin and Glucagon Adrenalin and Diabetes Serial dilution required practical
03/02/2025			
10/02/2025			
24/02/2025			
03/03/2025			
10/03/2025			
17/03/2025		3.7.3 - Variation and Evolution <ul style="list-style-type: none"> Variation Natural selection, Selection types Speciation, Genetic drift Variation test 3.8.3.4 Gene Technology <ul style="list-style-type: none"> Mutations Stem cells/totipotency Transcription regulation Epigenetics Cancer Human genome project 	3.8.3.4 Gene Technology <ul style="list-style-type: none"> Recombinant DNA Gene therapy PCR
24/03/2025			
31/03/2025			
21/04/2025			
28/04/2025			
05/05/2025			
12/05/2025		<ul style="list-style-type: none"> Essay skills Revision 	<ul style="list-style-type: none"> DNA Hybridisation DNA fingerprinting Gene Technology test
19/05/2025			
02/06/2025			
09/06/2025			
16/06/2025			
23/06/2025			
30/06/2025			
07/07/2025			
14/07/2025			