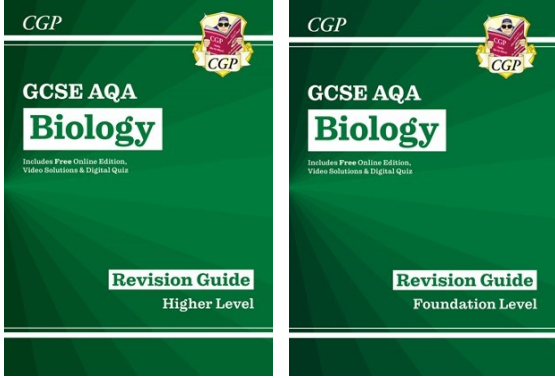


Science (Triple Biology)

Exam Board	Recommended Revision Guide	Support Available at QE
AQA		Revision after school Wednesday E107
Useful online resources		Exam date/s
<p>BBC bitesize (revision website): https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7</p> <p>Studymind (exam Questions by topic) - https://studymind.co.uk/resource/aqa-biology/</p> <p>FreeScience lessons (Science Videos) - https://www.youtube.com/results?search_query=free+science+lessons</p> <p>Seneca - https://senecalearning.com/en-GB/ - make sure to select the AQA GCSE Combined Science course</p> <p>AQA Exam Papers - https://www.aqa.org.uk/find-past-papers-and-mark-schemes</p>		Biology Paper 1: 10 th May Chemistry Paper 1: 17 th May Physics Paper 1: 22 nd May Biology Paper 2: 7 th June Chemistry Paper 2: 11 th June Physics Paper 2: 14 th June
Week beginning	Topic / Content to revise	Completed / RAG rate
26th February 10 weeks to go	B1 - Cell Biology (Cell division & differentiation) Diffusion Osmosis Active Transport Exchange Surfaces. More on Microscopy Cell Differentiation and Specialisation. Chromosomes and Mitosis Stem Cells. Culturing Microorganisms.	
4th March 9 weeks to go	B2 – Organisation (Cells Enzymes & Digestion) Cell Organisation, Enzymes, Investigating Enzymatic Reactions. Enzymes and Digestion More on Enzymes and Digestion Food Tests	
11th March 8 weeks to go	B2 - Circulatory System - The Heart Circulatory System - Blood Vessels Circulatory System - Blood Cardiovascular Disease More on Cardiovascular Disease Health and Disease Risk Factors for Non -Communicable Diseases Cancer	
18th March 7 weeks to go	B3 - Infection and Response (Pathogens) Communicable Disease Viral, Fungal and Protist Diseases Bacterial Diseases and Preventing	

	Disease. Fighting Disease Fighting Disease - Vaccination. Fighting Disease - Drugs Developing Drugs. Monoclonal antibodies. Plant disease.	
25th March 6 weeks to go	B4 – Bioenergetics (Plants/animals) Photosynthesis and Limiting Factors The Rate of Photosynthesis. Respiration and Metabolism Aerobic and Anaerobic Respiration Exercise	
1st April 5 weeks to go	B5 - Homeostasis and Response (The Nervous System) Homeostasis The Nervous System Synapses and Reflexes Investigating Reaction Time. The Endocrine System Controlling Blood Glucose Puberty and the Menstrual Cycle. Controlling Fertility. More on Controlling Fertility Adrenaline and Thyroxine. The brain, the eye, control of body temperature. Plant hormones	
8th April 4 weeks to go	B6 - Inheritance, Variation and Evolution (Evolution). Reproduction, Meiosis, DNA and the Genome. Inheritance, sex determination and inherited disorders. Variation. Evolution. Selective Breeding. Genetic Engineering. Fossils Antibiotic -Resistant Bacteria Classification. Asexual and Sexual reproduction, DNA structure, Cloning, Speciation.	
15th April 3 weeks to go	B7 – Ecology (Interdependence) Competition Abiotic and Biotic Factors Adaptations Food Chains. Using Quadrats Using Transects The Water Cycle The Carbon Cycle.	
22nd April 2 weeks to go	B7 – Ecology (Interdependence) Biodiversity and Abiotic and Biotic factors, adaptations, Organisation, Waste Management, Global Warming Deforestation and Land Use Maintaining Ecosystems and Biodiversity, Trophic levels, food production.	
29th April 1 week to go	Past Papers	
6th May 0 weeks to go	Past Papers	
13th May	Review of any topics you are weak on	