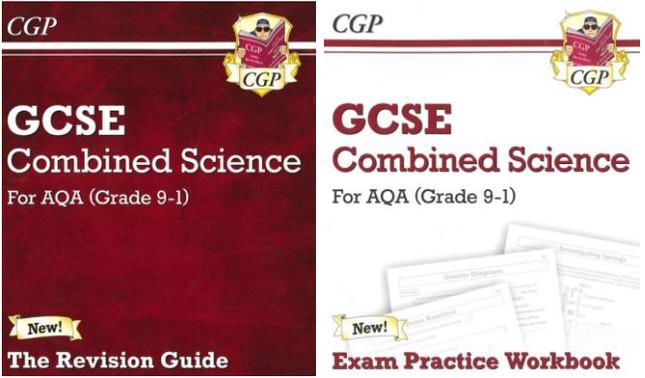
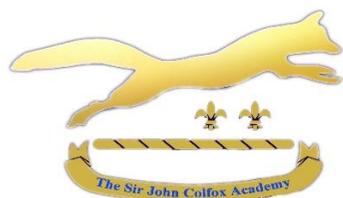


Exam Board	Recommended revision guide	Support available in school
<p>AQA</p>		<p>Revision support available on a Wednesday lunchtime in Science.</p> <p>After school revision sessions every Wednesday 3:30 in Science.</p>



Combined Science - Biology

Revision Schedule 2024

Useful online resources	Exam date(s)
<p>BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/z8r997h</p> <p>Seneca Learning: https://senecalearning.com/en-GB/ - make sure to select the AQA GCSE Combined Science course.</p> <p>Past paper questions: https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources</p> <p>Primrose Kitten / Free Science lesson Videos: https://www.primrosekitten.com/pages/aqa-gcse-science/ / https://www.youtube.com/@Freesciencelessons</p>	<p>Biology Paper 1: 10th May Chemistry Paper 1: 17th May Physics Paper 1: 22nd May</p> <p>Biology Paper 2: 7th June Chemistry Paper 2: 11th June Physics Paper 2: 14th June</p>

January					
Week beginning...	Topic from the Revision Guide	Content to revise from the Revision Guide	Complete (tick)	Knowledge test score	Weeks left
Monday 8th	B4 – Bioenergetics (Plants)	Photosynthesis and Limiting Factors The Rate of Photosynthesis		<u>10 Minute TEST 6</u> Bioenergetics (15)	18
Monday 15th	B4 – Bioenergetics (Animals)	Respiration and Metabolism Aerobic and Anaerobic Respiration Exercise		<u>10 Minute TEST 7</u> Bioenergetics (15)	17
Monday 22nd	B5 - Homeostasis and Response (The Nervous System)	Homeostasis The Nervous System Synapses and Reflexes Investigating Reaction Time		Draw a diagram to explain how A Reflex Arc elicits a response form a stimulus	16
Monday 29th	Mock Exam Week				15
February					
Monday 5th	Mock Exam Week				14
Monday 12th	B5 - Homeostasis and Response (The Endocrine System)	The Endocrine System Controlling Blood Glucose Puberty and the Menstrual Cycle Controlling Fertility More on Controlling Fertility Adrenaline and Thyroxine		<u>10 Minute TEST 11</u> Bioenergetics (15)	13
Monday 19th	B1 - Cell Biology (Microscopy, Cell division & differentiation)	Cells More on Microscopy Cell Differentiation and Specialisation Chromosomes and Mitosis Stem Cells		Draw and label a diagram showing how a cell divides by Mitosis	12

Monday 20th	B1 - Cell Biology (Cell division & differentiation)	Diffusion Osmosis Active Transport Exchange Surfaces		<u>10 Minute TEST 1</u> Cell Biology (15)	11
March					
Monday 4th	B1 - Cell Biology (Exchange Surfaces)	Exchange Surfaces		Prepare Flash cards to explain Why <u>Multicellular Organisms need Exchange Surfaces</u>	10
Monday 11th	B2 – Organisation (Cells Enzymes & Digestion)	Cell Organisation Enzymes Investigating Enzymatic Reactions Enzymes and Digestion More on Enzymes and Digestion Food Tests		<u>Make Flash Cards</u> Make a list of the enzymes in digestion, what they break down and the products of their digestion. Describe the Food tests for Starch, Sugar, Proteins and Lipids	9
Monday 18th	B2 – Organisation (Circulatory System, Lungs and Heart)	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		<u>10 Minute TEST 2</u> Organisation (15)	8
Monday 25th	B2 – Organisation (Plants)	Plant Cell Organisation Transpiration and Translocation Transpiration and Stomata		<u>10 Minute TEST 3</u> Organisation (15)	7
April					
Monday 1st	B3 - Infection and Response (Pathogens)	Communicable Disease Viral, Fungal and Protist Diseases Bacterial Diseases and Preventing Disease		<u>10 Minute TEST 4</u> Infection & response (15)	6
Monday 8th	B3 - Infection and Response (Immunity)	Fighting Disease Fighting Disease - Vaccination		Make a storyboard to explain how a vaccination prevents disease, include Antigens, Antibodies, Memory Cells.	5

Monday 15th	B3 - Infection and Response (Medicines)	Fighting Disease - Drugs Developing Drugs		<u>10 Minute TEST 5</u> Infection & response (15)	4
Monday 22nd	B6 - Inheritance, Variation and Evolution (Gametes)	DNA Reproduction Meiosis X and Y Chromosomes		Draw and label a diagram showing how a cell divides by Meiosis.	3
Monday 29th	B6 - Inheritance, Variation and Evolution (Genetics)	Genetic Diagrams More Genetic Diagrams Inherited Disorders		<u>10 Minute TEST 13</u> Bioenergetics (15)	2
May					
Monday 6th	B6 - Inheritance, Variation and Evolution (Evolution)	Variation Evolution Selective Breeding Genetic Engineering		<u>10 Minute TEST 12</u> Bioenergetics (15)	1
Monday 13th	B6 - Inheritance, Variation and (Fossils, Resistance & Classification)	Fossils Antibiotic-Resistant Bacteria Classification		<u>Make Flashcards</u> To describe the 3 methods of Fossil formation: 1. Gradual replacement of minerals 2. Casts /Impressions 3. Preservation On Antibiotic resistance	0
Monday 20th	B7 – Ecology (Interdependence)	Competition Abiotic and Biotic Factors Adaptations Food Chains		<u>Create a Mind Map</u> on these 4 areas of Ecology Competition Abiotic and Biotic Factors Adaptations Food Chains	0
Monday 27th	B7 – Ecology (Sampling & Nutrient cycles)	Using Quadrats Using Transects The Water Cycle The Carbon Cycle		Make Cornell notes on 1. Quadrats & Transects 2. The Carbon cycle 3. The Water cycle	0
June					

Monday 3rd	B7 – Ecology (Human impact)	Biodiversity and Waste Management Global Warming Deforestation and Land Use Maintaining Ecosystems and Biodiversity		<u>10 Minute TEST 15</u> Bioenergetics (15)	0
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