

GCSE Combined Science - Paper 2 ONLY

Working Scientifically		R	A	G
The Scientific Method				
Designing & Performing Experiments				
Presenting Data				
Conclusions, Evaluations and Units				

BIOLOGY – PAPER 2 ONLY		R	A	G
Topic 4.5: Homeostasis & response	Homeostasis			
	The human nervous system			
	Hormonal coordination in humans			
Topic 4.6: Inheritance, variation and evolution	Reproduction			
	Variation and evolution			
	The development of understanding of genetics and evolution			
	Classification of living organisms			
Topic 4.7: Ecology	Adaptations, interdependence and competition			
	Organisation of an ecosystem			
	Biodiversity and the effect of human interaction on ecosystems			

CHEMISTRY – PAPER 2 ONLY		R	A	G
Topic 5.6: The rates and extent of chemical change	Rate of reaction			
	Reversible reactions and dynamic equilibrium			
Topic 5.7: Organic chemistry	Carbon compounds as fuels and feedstock			
Topic 5.8: Chemical analysis	Purity, formulations and chromatography			
	Identification of common gases			
Topic 5.9 Chemistry of the atmosphere	The composition and evolution of the Earth's atmosphere			
	Carbon dioxide and methane as greenhouse gases			
	Common atmospheric pollutants and their sources			
Topic 5.10 Using resources	Using the Earth's resources and obtaining potable water			
	Life cycle assessment and recycling			

PHYSICS – PAPER 2 ONLY		R	A	G
Topic 6.5: Forces	Forces and their interactions			
	Work done and energy transfer			
	Forces and elasticity			
	Forces and motion			
	Momentum (HT only)			
Topic 6.6: Waves	Waves in air, fluids and solids			
	Electromagnetic waves			

Topic 6.7: Magnetism and electromagnetism	Permanent and induced magnetism, magnetic forces and fields			
	The motor effect			

To help you revise and fill any gaps in your learning please use:

- Sparx Science
- CGP AQA Combined Science Knowledge Organiser
- Science Revision website: <https://sites.google.com/sirjohnhunt.co.uk/sjhcsc-science-exam-revision/home>