Subject: Science

KS3

Year 7	Year 8	Year 9
Chemistry	Chemistry	Chemistry
 Particles Atoms Chemical changes Particles and separating techniques 	 Particles Atoms Chemical changes Particles and separating techniques 	 The Earth and Atmosphere Atoms, periodic table and materials Chemical reaction and energy
Cells and Organisation	Organisation and	Biology
ReproductionOrganisation in plantsEcology	systems Health and respiration Ecology and Ecosystems Reproduction and inheritance	 Reproduction, inheritance, and genes Organisation systems and transport Health and disease
Physics • Energy	Physics	 Ecology and plants
Forces and spaceEnergy and heat transfer	Sound waves	Physics
	 Forces and motion Energy and electricity 	 Energy, electricity, and magnetism Forces, motion, and pressure Light waves



KS4 Combined Science



KS4 Separate Science

Year 10		Year 11
Biology		Biology
Biology	Cell Division Communicable and non-communicable diseases Hormonal coordination Homeostasis Reproduction	Biology Genetics and evolution Adaption & interdependence Ecosystem Chemistry Chemical analysis The Earth's atmosphere The Earth's resources Using resources
Physics	Energy Changes Rates and equilibrium Crude oil and fuels Organic reactions Polymers Molecules and matter Radioactivity Forces in balance Motion Forces and motion Forces and pressure Wave properties Electromagnetic waves Light	Physics

KS4 Exam Board Specification (Combined Science): AQA Combined Science Trilogy (8464)

KS4 Exam Board Specification (Biology): <u>AQA Biology (Separate Sciences) (8461)</u>

KS4 Exam Board Specification (Chemistry): AQA Chemistry (Separate Sciences) (8462)

KS4 Exam Board Specification (Physics): AQA Physics (Separate Sciences) (8463) Useful Resources and

Revision Support

- www.kerboodle.com
- https://www.my-gcsescience.com/
- https://www.savemyexams.co.uk/
- https://www.freesciencelessons.co.uk/
- https://www.youtube.com/user/MaChemGuy
- http://www.knockhardy.org.uk/sci.htm
- https://www.chemguide.co.uk/#

