

YEAR 7-11

SCIENCE

YEAR GROUP	CURRICULUM
7	Autumn Term: • Introduction to Science • Cells • Particles • Energy • Atoms, Elements and Compounds Spring Term: • Reproduction • Space • Forces • Separating Mixtures Summer Term: • Digestion and Nutrition • Light and Sound • Ecology • Chemical reactions Part 1
8	Autumn Term: • Energy Transfers by Heating • Photosynthesis • Chemical Reactions Part 2 • Electricity and Magnetism Spring Term: • Human Machine • Acids and Bases • Structure of the Earth Summer Term: • Motion • Genetics • Metals
9	Autumn Term: • Powering the modern world • Staying Alive • Fuels Spring Term: • The Living Cell



	• Atomic structure • How energy transfers Summer Term: • Processes in Plants • Chemical Analysis • Kinetic Theory	
10	Biology/Chemistry Side	Physics/Chemistry Side
	Autumn Term: • B4.2 Organisation • C5.3 Quantitative Chemistry Spring Term: • B4.3 Infection and Response • C5.4 Chemical Changes Summer Term: • B4.7 Ecology • Revision and Reteach	Autumn Term: • C5.2 Structures and Bonding • P6.4 Radioactivity • C5.5 Energy Changes Spring Term: • C5.5 Energy Changes • P6.2 Electricity • C5.6 Rates of Reaction Summer Term: • P6.6 Waves • TRIPLE ONLY: P6.8 Space • Revision and Reteach
11	Biology/Chemistry Side	Physics/Chemistry Side
	Autumn Term: • B4.7 Ecology • C5.7 Organic Chemistry Spring Term: • B4.6 Inheritance, Variation and Evolution • Revision Summer Term: • Revision and Exams	Autumn Term: • P6.5 Forces • C5.9 Chemistry of the Atmosphere Spring Term: • P6.7 Electromagnets • C5.10 Earths Resources Summer Term: • Revision and Exams