

YEAR 7-11

SCIENCE

YEAR GROUP	CURRICULUM
7	<p>Autumn Term:</p> <ul style="list-style-type: none"> • Introduction to Science • Cells • Particles • Energy • Atoms, Elements and Compounds • Reproduction • Space <p>Spring Term:</p> <ul style="list-style-type: none"> • Reproduction • Space • Forces • Separating Mixtures <p>Summer Term:</p> <ul style="list-style-type: none"> • Digestion and Nutrition • Light and Sound • Ecology • Chemical reactions Part 1
8	<p>Autumn Term:</p> <ul style="list-style-type: none"> • Energy Transfers by Heating • Photosynthesis • Chemical Reactions Part 2 • Electricity and Magnetism <p>Spring Term:</p> <ul style="list-style-type: none"> • Human Machine • Acids and Bases • Structure of the Earth • Motion <p>Summer Term:</p> <ul style="list-style-type: none"> • Genetics • Metals
9	<p>Autumn Term:</p> <ul style="list-style-type: none"> • Powering the modern world • Staying Alive • Fuels <p>Spring Term:</p> <ul style="list-style-type: none"> • The Living Cell • Atomic structure • How energy transfers <p>Summer Term:</p> <ul style="list-style-type: none"> • Processes in Plants • Chemical Analysis • Kinetic Theory



10	Biology/Chemistry Side	Physics/Chemistry Side
	Autumn Term: <ul style="list-style-type: none"> • B4.2 Organisation • C5.3 Quantitative Chemistry Spring Term: <ul style="list-style-type: none"> • B4.3 Infection and Response • C5.4 Chemical Changes Summer Term: <ul style="list-style-type: none"> • B4.7 Ecology • Revision and Reteach 	Autumn Term: <ul style="list-style-type: none"> • C5.2 Structures and Bonding • P6.4 Radioactivity • C5.5 Energy Changes Spring Term: <ul style="list-style-type: none"> • C5.5 Energy Changes • P6.2 Electricity • C5.6 Rates of Reaction Summer Term: <ul style="list-style-type: none"> • P6.5 Forces • TRIPLE ONLY: P6.8 Space • Revision and Reteach
11	Biology/Chemistry Side	Physics/Chemistry Side
	Autumn Term: <ul style="list-style-type: none"> • B4.7 Ecology • C5.7 Organic Chemistry Spring Term: <ul style="list-style-type: none"> • B4.6 Inheritance, Variation and Evolution • Revision Summer Term: <ul style="list-style-type: none"> • Revision and Exams 	Autumn Term: <ul style="list-style-type: none"> • P6.6 Waves • C5.9 Chemistry of the Atmosphere Spring Term: <ul style="list-style-type: none"> • P6.7 Electromagnets • C5.10 Earths Resources Summer Term: <ul style="list-style-type: none"> • Revision and Exams