



Holy Trinity

Science Long Term Plan – Secondary

	Autumn Term 1	Autumn Term 2	Spring Term 1 / Spring Term 2		Summer Term 1	Summer Term 2
Year 7	Cells, tissues and organs Human Reproduction	Solar system Elements, compounds, mixtures	Acids and alkali's Energy types and transformations		Particles and the particle model	Forces Variation
Year 8	Food and digestion Patterns In reactivity	Bioenergetics Magnets	Heating and cooling Microbes and disease		Metals and metal compounds Waves	
Year 9	Inheritance	Speeding up Electricity	Earth Biology Unit 1 Cells and microscopes	Biology Unit 1 Cells and microscopes Chemistry unit 1 Atomic structure and the periodic table	Chemistry unit 1 Atomic structure and the periodic table Physics unit 1 Energy	Physics unit 1 Energy

Triple Science

Year 10 Biology	Catch up on triple content from BU1 BU2 Organisation	Complete BU2 organisation Start BU3 Infection and response	Complete BU3 Infection and response	BU4 Bioenergetics	BU5 Homeostasis	Revision and mock (Paper 1) Complete BU5 Homeostasis
Year 11 Biology	BU7 Ecology	Revision and mock BU6 Variation and evolution	Complete BU6 Revision scheme BU1 and BU2	Revision scheme BU3 and BU4	Revision scheme BU5 and BU7	
Year 10 Chemistry	Catch up on triple content from CU1 CU2 Bonding and structure	CU3 Quantitative chemistry	CU4 Chemical changes	CU5 Energy changes	CU6 Rate and extent of chemical change	Revision and mock CU7 Organic chemistry
Year 11 Chemistry	CU8 Chemical analysis CU9 Chemistry of the atmosphere	CU10 Using resources	CU10 Using resources	Revision schemes CU1,2,3, 4	Revision schemes CU 5, 6, 7	
Year 10 Physics	Catch up on triple content from PU1 PU2 electricity	Complete PU2 electricity Start PU3 particle model	Complete PU3 Particle model	PU4 atomic structure	Start PU5 forces	Complete PU5 forces
Year 11 Physics	PU6 Waves	PU7 Magnetism and electromagnetism	Complete PU7 magnetism PU8 Space	Revision scheme PU1, 2 and 3	Revision schemes PU 4,5,6	

Combined Science

Year 10 Biology	BU2 Organisation	Complete BU2 Organisation BU3 Infection and response	Complete BU3 Infection and response	BU4 Bioenergetics	BU5 Homeostasis	Revision and mock Complete BU5 Homeostasis
Year 11 Biology	BU7 Ecology	BU6 Variation and evolution	Complete BU6 Variation and evolution	Revision scheme BU1 and BU2	Revision scheme BU3, BU4 and BU5	
Year 10 Chemistry	CU2 Bonding and structure	CU3 Quantitative chemistry	CU4 Chemical changes	Complete CU4 chemical changes CU5 Energy changes	CU6 Rate and extent of chemical change	Revision and mock CU7 Organic chemistry
Year 11 Chemistry	CU8 Chemical analysis Start CU9 Chemistry of the atmosphere	Complete CU9 Chemistry of the atmosphere Start CU10 using resources	Complete CU10 Using resources Revision scheme CU1	Revision schemes CU2, CU3, CU4	Revision schemes CU5, CU6, CU7	
Year 10 Physics	PU2 electricity	Complete PU2 electricity Start PU3 particle model	Complete PU3 Particle model	PU4 atomic structure	Start PU5 forces	Revision and mock Complete PU5 forces
Year 11 Physics	PU6 waves	Complete PU6 waves Start PU7 Magnetism and electromagnetism	Complete PU7 magnetism Revision scheme PU1	Revision scheme PU2, PU3, PU4	Revision schemes PU5, PU6,	