

St Augustine of Canterbury Science Department Five Year Plan (Summary)

YEAR 8

Year 7	Year 8	Year 9	Year 10	Year 11
3 lessons per week 3x39 = 117	3 lessons per week 3x39 = 117	3 lessons per week 3x39 = 117	5 lessons per week 5x39 = 195	5 lessons per week 5x25 = 125
B1.1 Cells	B2.1 Health & Lifestyle	10.4 Inheritance.	B3 Organisation & digestive system.	B11 Hormonal control.
C1.1 Physical Reactions	C2.1 The Periodic Table	7.3 Climate.	C3 Structure and bonding.	C9 Crude oil and fuels.
P1.1 Forces	P2.1 Electricity & Magnetism	7.4 Earth resources.	P3 Energy resources.	P9 Motion.
B1.2 Structure of Body Systems	B2.2 Adaptation & Evolution	1.3 Contact forces.	B4 Organising animals and plants.	B12 Reproduction.
C1.2 Elements, Mixtures & Compounds	C2.2 Metals & Materials	1.4 Pressure.	C4 Chemical calculations.	C10 Chemical analysis.
B1.3 Reproduction	From February Half Term Onwards	4.3 Wave effects.	P4 Electric circuits.	P10 Force and motion.
C1.3 Acids and Alkalis	1.1 Speed.	4.4 Wave properties.	B5 Communicable diseases.	B13 Variation and evolution.
P1.3 Space	1.2 Gravity.	6.3 Types of reactions.	C5 Chemical changes.	C11 The Earth's atmosphere.
	9.1 Interdependence.	6.4 Chemical energy.	P5 Electricity in the home.	P11 Wave properties.
	9.2 Plant reproduction.	Revisit Electrostatics	B6 Preventing & treating disease.	B14 Genetics and evolution.
	3.1 Energy costs.	Revisit Separation Techniques	C6 Electrolysis.	P12 Electromagnetic waves.
	3.2 Energy transfer.	B1 Cell structure and transport.	P6 Molecules and matter.	B15 Adaptations&interdependence.
	7.1 Earth structure.	C1 Atomic Structure.	B7 Non-communicable diseases.	C12 The Earth's resources.
	9.3 Respiration.	P1 Energy:Conservation/dissipation	C7 Energy changes.	B16 Organising an ecosystem.
	9.4 Photosynthesis.	B2 Cell division.	P7 Radioactivity.	P13 Electromagnetism.
	3.3 Work.	C2 The periodic table.	B8 Photosynthesis.	B17 Biodiversity and ecosystems.
	3.4 Heating and cooling.	P2 Energy transfer by heating.	C8 Rates and equilibrium.	
			P8 Forces in balance.	
			B10 The human nervous system.	