

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

YEAR 7 2019/20

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	Scientific Enquiry	10.3 Evolution.	B3 Organisation & digestive system.	B11 Hormonal control.
C1.1 Physical Reactions	2.1 Potential diff. & resistance.	10.4 Inheritance.	C3 Structure and bonding.	C9 Crude oil and fuels.
P1.1 Forces	2.2 Current.	2.3 Magnetism.	P3 Energy resources.	P9 Motion.
B1.2 Structure of Body Systems	7.1 Earth structure.	2.4 Electromagnets.	B4 Organising animals and plants.	B12 Reproduction.
C1.2 Elements, Mixtures & Compounds	1.3 Contact forces.	7.3 Climate.	C4 Chemical calculations.	C10 Chemical analysis.
P1.2 Light & Sound	5.3 Elements.	7.4 Earth resources.	P4 Electric circuits.	P10 Force and motion.
From February Half Term	5.4 Periodic Table.	1.4 Pressure.	B5 Communicable diseases.	B13 Variation and evolution.
1.1 Speed.	8.3 Breathing.	4.3 Wave effects.	C5 Chemical changes.	C11 The Earth's atmosphere.
1.2 Gravity.	8.4 Digestion.	4.4 Wave properties.	P5 Electricity in the home.	P11 Wave properties.
5.2 Separating mixtures.	9.1 Interdependence.	6.3 Types of reactions.	B6 Preventing & treating disease.	B14 Genetics and evolution.
3.1 Energy costs.	9.2 Plant reproduction.	6.4 Chemical energy.	C6 Electrolysis.	P12 Electromagnetic waves.
3.2 Energy transfer.	6.2 Metals and non-metals.	Biology Foundations Part 1	P6 Molecules and matter.	B15 Adaptations&interdependence.
6.1 Acids and alkalis.	3.3 Work.	Chemistry Foundations Part 1	B7 Non-communicable diseases.	C12 The Earth's resources.
10.1 Variation.	3.4 Heating and cooling.	Physics Foundations Part 1	C7 Energy changes.	B16 Organising an ecosystem.
10.2 Human reproduction.	9.3 Respiration.	Biology Foundations Part 2	P7 Radioactivity.	P13 Electromagnetism.
7.2 Universe.	9.4 Photosynthesis.	Chemistry Foundations Part 2	B8 Photosynthesis.	B17 Biodiversity and ecosystems.
		Physics Foundations Part 2	C8 Rates and equilibrium.	
			B9 Respiration	
			P8 Forces in balance.	
			B10 The human nervous system.	