



Science Department 5-Year Journey in Chemistry



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	7A - Cells, Tissues, Organs and Systems	7C - Muscles and Bones	7B - Sexual reproduction in animals	7D - Ecosystems	8B - Plants and their reproduction	Contingency and extended projects
	7E - Mixtures and Separation	7F - Acids and Alkalis	7G - The Particle model	7H - Atoms, Elements and compounds	8F - The Periodic Table	
	7I - Energy	7J - Current Electricity	7K - Forces	7L - Sound	8I - Fluids	
Year 8	8A - Food and Nutrition	8C - Breathing and Respiration	8D - Unicellular organisms	9A - Genetics and Evolution	9B - Plant growth	Contingency, Revision and Extended Projects
	8E - Combustion	8G - Metals and thier uses	8H - Rocks	9E - Making materials	9F - Reactivity	
	8J - Light	8K - Energy transfers	8L - Earth and Space	9I - Forces and motion	9J - Force fields and electromagnets	
Year 9	Year 9 skills unit	B1 - Cells (a-d)	B1 - Enzymes and Food Tests (e-h)	B1 - Transport across membranes (i-j)	B5 - Health and Disease pt 1 (a-e)	B5 - Health and Disease pt 1 (a-e)
		C1 Atoms and Chemical Equations	C3/4 - Atomic Structure and the Periodic Table	C13 - Earth's Atmosphere	C14 - Rates	C14 - Rates
		P6 - Molecules and Matter	P1 - Motion	P2 - Newton's Laws	P3 - Energy	P3 - Energy
Year 10 Combined	C2 - Separating Techniques	C5/6/7 - Bonding and Structure	C5/6/7 - Bonding and Structure	C8 - Acids	C10 - Electrolysis	EOY Exam Prep and Feedback
	C3/4 - Atomic Structure and Electrons recap		C8 - Acids			
Year 10 Separate	C2 - Separating Techniques	C5/6/7 - Bonding and Structure	C8 - Acids	C11 - Obtaining and using metals	C10 - Electrolysis	EOY Exam Prep and Feedback
	C3/4 - Atomic Structure and Electrons recap			C13 - Transition metals		
Year 11 Combined	C9 - Calculations involving masses	Mock 1 = paper 1	C16 - Fuels	Mock 2 = Paper 2	GCSE Exam Revision	Study Leave
	C12 - Reversible reactions and Equilibrium	C2 - Separating Techniques		Exam Board Change Mop up		
Year 11 Separate	C9/14Calculations and Quantitative Chemistry	Mock 1 = Paper 1 (Separate paper)	C20/22 - Fuels and Hydrocarbons	Mock 2 = Paper 2 (Combined paper)	GCSE Exam Revision	Study Leave
	C12/15/16 - Reversible reactions, Equilibrium and Fuel cells	C20 - Fuels	C23/24 - Alcohols, Carboxylic Acids & Polymers	C25/26 - Qualitative Analysis & Materials		