

Learning Journey

For

Science



Year 7	Autumn	Spring	Summer
	1 - Passport to practical 2 – C1: Mixtures and Acids 3– B1: Foundations of Life	1 – P1: Energy Stores and Transfers 2 – C2: Atoms and Particles	1 – B2: Ecosystems and Energy 2 – P2: Forces and Space

Year 8	Autumn	Spring	Summer
	1 – B3: Movement and Respiration 2 – P3: Sound and Light	1 – C3: Periodic Table and Combustion 2 – B4: Plant Reproduction and Unicellular Organisms	1 - P4: Electricity and Electromagnetism 2 – C4: Rocks and Metals

Year 9	Autumn	Spring	Summer
	1 – P5: Forces and Motion + Transition 2 – C5: Reactivity and Materials + Transition 3 – B5: Plant growth and Transition	1 – B6: Key Concepts in Biology 2 – C6: States, Atoms and Periodic Table	1 – P6: Forces and Motion 2 – B7: Cells and Control, Health and Disease

Year 10	Autumn	Spring	Summer
	1 – P7: Energy and Forces 2 – C7: Bonding and Acids	1 – B8: Genetics and Natural Selection 2 – P8: Waves and Radioactivity	1 – C8: Calculations, Electrolysis and Extracting Metals 2 – B9: Animal Coordination, Exchange and Transport

Year 11	Autumn	Spring	Summer
	1 – C9: Groups and Rates 2 – P9: Electricity and Electromagnetism 3 – B10: Plants and Ecosystems	1 – C10: Fuels and Earth Sciences 2 – P10: Forces and Matter	1 – Maths in Science 2 – Exam Preparation

CONCEPTS

Working Scientifically	Thinking Like a Scientist		Experimental and Investigative Skills		Analysis and Evaluation		SI Units and Calculating	
Biology	Cells and Systems	Biological Molecules and Processes	Health, Disease and Body Systems		Inheritance and Evolution		Ecosystems and Environmental Interactions	
Chemistry	Particles and Matter	Chemical Reactions	Bonding and Properties		Energy and Rates		The Earth and Environment	
Physics	Energy in Action	Mechanics	Waves and Radiation		Electricity and Electromagnetism		Matter and the Universe	