

Year 7-9 curriculum sequencing skeleton- science

Term	Half Term	Year 7	Year 8	Year 9
1 - Winter	September – October	Introduction to a lab Health and safety Matter 1 Particle model of solids, liquids and gases and solutions	Earth 1 Rocks and weathering Matter 2 Atoms and elements, compounds and mixtures	Reactions 3 Reactions of metals and patterns of reactivity Organisms 4 Microbes
	November – December	Organisms 1 Cells Energy 1 Energy Resources	Organisms 2 Food and digestion Energy 2 Heating, cooling and saving energy	Magnets 1 Magnets and electromagnets Investigative Skills Planning, carryout and evaluation
2 - Spring	January – February	Reaction 1 Acids and Alkalis Genes 1 Reproduction and variation and classification	Waves 1 Light, sound and hearing Ecosystems 2 Plants and photosynthesis	Atomic Structure and the periodic table Periodic table and separation techniques Particles Solid, liquid, gases and pressure
	March – April	Forces 1 Forces and their effects and the solar system	Forces 2 Work done, pressure and moments	Cell biology Cells and Respiration
3 - Summer	April – May	Reactions 2 Simple chemical reactions Electricity 1 Electrical Circuits	Organisms 3 Skeleton, exercise and respiration Earth 2 Climate Chemistry	Photosynthesis Photosynthesis and plant structure Earth and Atmosphere Development of the atmosphere and pollutants
	June - July	Ecosystems 1 Environment and feeding relationships	Genes 2 Inheritance and variation	Energy Sources Renewable and non-renewable energy