

Long Term Science Plan

	5-14			Year 10			Year 11		
Autumn 1	Solids, Liquids and Gases	Acids and Alkalis	Chemical Reactions	Biology	Chemistry	Physics	Biology	Chemistry	Physics
				Cells and Movements across Membranes Respiration and the Respiratory System	Nature of Substances and Chemical Reactions	Electrical Circuits	Classification and Biodiversity Cell division and Stem Cells	Bonding Structures and Properties	Distance, Speed and Acceleration Newton's Law
Autumn 2	Cells and Living Things	Space	Earth and Atmosphere	Digestions and the Digestive System in Humans	Atomic Structure and the Periodic Table	Generating Electricity	Response and Regulations	Acid, Bases and Salts	Work and Energy
Spring 1	Ecology	Mixtures	Plants and Photosynthesis	The Circulatory System in Humans	Water	Making Use of Energy	Disease, Defence and Treatment	Metal and their Extraction	Astronomy
Spring 2	Forces	Useful Materials	Heat Transfer	Plants and Photosynthesis	The Ever-Changing Earth	Domestic Electricity	DNA and Inheritance	Chemical Reactions and Energy Crude Oil, Fuels and Carbon Compounds	Types of Radiation Half-Life
Summer 1	Energy Resources	Electricity and Forces	Light and Sound and Forces	Ecosystems and Human Impact on the Environment	Rate of Chemical Change	Feature of Waves	Revision for Exams	Revision for Exams	Revision
Summer 2	Reproduction	Food and Diet	Healthy, Mind and Body.	Revision for Exams	Revisions for Exams	Revision for Exams	Revision for Exams	Revision for Exams	Revision for Exams