

Science curriculum overview

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Term	Half Term	KS2 Overview	Nurture Overview	Year 9 Overview	Year 10 Overview	Year 11 Overview
Autumn	HT1 7 weeks	Our Body	Simple Forces Cells Materials	Forces Movement Particle model	1.4 - Waves 1.2 - Atomic structure 1.1 - States of matter 1.3 - Cells in animals and plants	6.1 Forces and energy changes 6.3 Magnetism and electromagnetism 7.5 - Atoms into ions 8.1 Carbon chemistry
	HT2 7 weeks	Our senses	Sound Exchange systems States of matter	More electric circuits Biochemistry Solutions	5.1 - The periodic table 5.2 - Chemical quantities 2.2 - Plants and photosynthesis	8.2 Resources of materials and energy 4.3 Inheritance 4.4 variation and evolution
Spring	HT3 7 weeks	On top of our world	Night Sky Health Acids and alkalis	Sound waves Reproduction Chemical reactions	2.1 - Systems in the human body 6.2 Structure and bonding	4.2 Ecosystems and biodiversity 4.1 The Earth's atmosphere
	HT4 5 weeks	Our home	Light Food webs Atoms and compounds	Light waves Evolution Acids and alkalis	7.1 - Forces and motion 7.3 - Acids and alkalis	Consolidating knowledge & addressing gaps
Summer	HT5 6 weeks	Our Earth	Motion Inheritance Chemical reactions	The Earth and moon Lifestyle choices Thermal energy	7.2 - Electricity 7.4 - The rate of chemical change	Consolidating knowledge & addressing gaps
	HT 6 7 weeks	Our Solar system	Plant reproduction Separation techniques Simple electric circuits	Biomimicry	3.2 - Radiation and risk 3.1 Lifestyle and health 3.3 Preventing, treating and curing disease	