

Curriculum Overview

Subject: Science



	HT1	HT2	HT3	HT4	HT5	HT6
Year 7	Bio: Cells & diffusion Chem: Solids, liquids and gases Phys: Forces & Energy		Bio: Inheritance Chem: Solutions & Separating mixtures Phys: Sound & Light		Bio: Reproduction Chem: Atoms, Elements & Compounds	
Year 8	Bio: Musculoskeletal system, breathing & respiration Chem: Chemical reactions Phys: Heating & cooling		Bio: Digestion and Plants & Photosynthesis Chem: Fuels & Energetics Phys: Speed, Motion & Space		Bio: Ecosystems & Biodiversity, Variation & Classification Chem: Acids & Alkalis Phys: Making Images & Electricity	
Year 9	Bio: Cell structure Chem: Model of the atom & calculating rates of reaction Phys: Energy	Bio: Organisation, plant tissues & photosynthesis Chem: RAM, electron structure and reactivity	Bio: Respiration & the lungs Chem: development of model of the atom,	Bio: The Heart and health issues Chem: Periodic table, metal extraction & REDOX	Bio: Digestive system Chem: Collision theory Phys: Calculating energy changes	Bio: Enzymes in the digestive system Chem: LCA & using resources

		Phys: Forces & elasticity	neutralisation & energy changes Phys: Electricity	Phys: Particle model and Temperature changes.		Phys: Specific heat capacity
Year10	Bio: Adaptations, ecosystems & biodiversity Chem: Chemical bonds & Chemistry of the atmosphere Phys: Motion & Atomic Physics	Bio: Communicable diseases, endocrine and nervous system Chem: Quantitative chemistry & bonding & structure related to properties Phys: Resistors, circuits & Wave properties	Bio: Cell division & cell transport Chem: Energy changes & reversible reactions. Phys: Specific latent heat, pressure and Electromagnetic waves			
Year 11	Bio: Inheritance & Variation Chem: Using resources, Organic chemistry & Electrolysis. Phys: Further motion & Magnetism	Paper 1 & Paper 2 Revision for Biology, Chemistry & Physics				