

	Year 7	Year 8	Year 9
Biology	<p>Cells Plant, animal & specialised.</p> <p>Organ Systems Respiratory & skeletal.</p> <p>Variation Variation, inheritance, cell-division, selective breeding & classification.</p>	<p>Organ Systems 2 Nutrition & digestion.</p> <p>Cellular Biochemistry Photosynthesis & respiration.</p> <p>Health & Disease</p> <p>Interdependence Feeding Relationships.</p>	<p>Reproduction Plant & animal.</p> <p>Adaptation & Evolution Adaptation, natural selection, biodiversity & conservation.</p> <p>Unit 1: Cells Structure, division & transport.</p>
Chemistry	<p>You Matter 1 Solids, liquids & gases, diffusion, melting & boiling points, introduction to the periodic table, elements, mixtures & compounds.</p> <p>Reactions 1 Metals & non- metals, acids & alkalis & chemical change.</p> <p>Our Earth 1 Combustion, Earth's structure & the atmosphere.</p>	<p>You Matter 2 Solubility, separating techniques, density, viscosity, more melting & boiling points, groups & periods & compounds.</p> <p>Reactions 2 Oxidation, reactivity & displacement, salts, thermal decomposition & conservation of mass.</p> <p>Our Earth 2 Rocks.</p>	<p>You Matter 3</p> <p>Reactions 3</p> <p>Our Earth 3</p> <p>Unit 1; Atomic Structure & the Periodic Table. Atomic structure, isotopes, electron configuration, periodic table.</p>
Physics	<p>Forces Identifying and measuring forces, force diagrams, resultant forces, Newton's Laws of Motion, & calculating speed.</p> <p>Energy & Sound Energy transfers, heat transfer, sound waves & the ear.</p>	<p>Effects of Forces Weight, floating & sinking, pressure & moments.</p> <p>Electricity & Magnetism Magnetism, static electricity (includes atomic structure), electromagnetism & circuits.</p>	<p>Waves & Light Waves, superposition, reflection, refraction, the eye & the camera, colour.</p> <p>Forces, Motion & Space Distance- time graphs, relative motion, the Solar System, gravity & our place in the Universe.</p> <p>Unit 1: Energy Energy transfers, efficiency, dissipation, specific heat capacity & energy resources.</p>