

### KS3 Curriculum Overview- Science 2014-15

Although listed as a half term all the topics are taught in different orders to groups due to limitations on equipment

Year group	Summer 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
7		Forensics unit- covering a range of practical skills and transition to secondary science	Particles and reactions – this covers the nature of matter and chemical reactions Physical changes, particle model	Human – this covers cells, genetics and evolution, reproduction	Adaptation and climate change - this covers genetics and evolution, Interactions and interdependencies, the earth and atmosphere	Space – this unit covers physics in space
8	Chemical reactions This unit includes Pure and impure substances	Waves This unit includes Sound waves, light waves, energy and waves	Respiration and health This unit includes The skeletal and muscular system, nutrition , gas	Natural disasters and rock This unit includes Chemical reactions	Electrics and magnetism This unit includes Current, static, magnetism	Movement- This topic includes , forces and motion, pressure in fluids,

			exchange and digestion			
9	<p>Atoms and elements</p> <p>This unit includes, the periodic table, chemical reactions, atoms elements compounds</p>	<p>Energy</p> <p>This unit includes, Energy changes and transfer, energy and fuel, energy calculations</p>	<p>Life processes</p> <p>This unit includes Nutrition and digestion, gas exchange photosynthesis</p>	<p>Atomic structure</p> <p>This unit includes Chemical reactions and energetics</p>	<p>Variation and interdependence</p> <p>This unit includes Genetics and evolution relationships in an ecosystem</p>	Start GCSEs