

Science Year 7 and Year 8 Curriculum Map

Year 7 THEMES	Term 1 (September – December)			Term 2 (January – March)			Term 3 (April – July)				
Building on prior knowledge Developing scientific enquiry • Planning Investigations • Analysing patterns in data • Evaluating data and methods	5.1 Particle model	1.1 Speed	2.1 Potential difference and resistance	9.1 Inter-dependence	8.2 Cells	6.1 Acids and alkalis	10.1 Variation	4.1 Sound	3.1 Energy costs	7.1 Earth Structure	End of Year Assessment
	5.2 Separating mixtures	1.2 Gravity	2.2 Current	9.2 Plant reproduction	8.1 Movement	6.2 Metals and non-metals	10.2 Human reproduction	4.2 Light	3.2 Energy transfer	7.2 Universe	
Assessment	Forces and Matter		Electromagnets and Ecosystems		Organisms and Reactions		Genes and Waves		Earth and Energy		
Enquiry processes	<a href="#">EP3 – Recording Data</a>		<a href="#">EP5 – Evaluating data and Methods</a>		<a href="#">EP4- Analysing Patterns</a>		<a href="#">EP2 – Planning investigations</a>		<a href="#">EP1 – Asking Scientific questions</a>		
Year 8 THEMES	Term 1 (September – December)			Term 2 (January – March)			Term 3 (April – July)				
Building on prior knowledge Further developing Scientific enquiry • Analysing and evaluating • Communication • Evidence and sources • Critique claims and justify opinions • Risks and benefits	5.3 Elements	8.3 Breathing	6.3 Types of reaction	2.3 Magnetism	1.3 Contact forces	9.3 Respiration	3.3 Work	10.3 Evolution	7.3 Climate	4.3 Wave effects	End of Year Assessment
	5.4 Periodic Table	8.4 Digestion	6.4 Chemical energy	2.4 Electro-magnets	1.4 Pressure	9.4 Photo-synthesis	3.4 Heating and cooling	10.4 Inheritance	7.4 Earth resources	4.4 Wave properties	
Assessment	Matter and Organisms		Reactions and Electromagnets		Ecosystems and Forces		Energy and Genes		Earth and Waves		
Enquiry processes	EP10 – Risks and Benefits		EP8 - Communication		<a href="#">EP6 – Planning Investigations</a>		EP9 – Critique claims and justify opinions		<a href="#">EP7 – Analysing and Evaluating Data</a>		