

# Year 10 Curriculum Overview 2017-2018

## Subject: Combined Science



Term		Content	Assessment
Autumn Term	Half Term 1	Pupils will complete: <ul style="list-style-type: none"> <li>• C3 Atomic Structure (Atomic Mass &amp; Isotopes)</li> <li>• C4 The Periodic Table.</li> <li>• B2 Cells and Control.</li> <li>• P2 Forces and Motion</li> <li>• C5&amp;6 Ionic and Covalent Bonding</li> </ul>	Science Teacher Assessment on: B2 Cells and Control, C3 Atomic Structure and P1 Motion  Note: Pupils will have studied C1 States of Matter, C2 Methods of Separating and Purifying Mixtures, B1 Key Biological Concepts and P1 Motion in Year 9.
	Half Term 2	Pupils will complete: <ul style="list-style-type: none"> <li>• B3 Genetics</li> <li>• P3 Conservation of Energy.</li> <li>• C7 Types of Substance</li> <li>• P4 Waves. (Wave velocity, Refraction)</li> <li>• Revision and Assessment</li> </ul>	Linear Assessment on: B1-3, C3-C7, P1 -P3
Spring Term	Half Term 3	Pupils will complete: <ul style="list-style-type: none"> <li>• B4 Natural Selection and Genetic Modification</li> <li>• P5 Light &amp; the Electromagnetic Spectrum. (Electromagnetic Waves, Using long and short wavelengths, Radiation Dangers)</li> <li>• C8 Acids</li> </ul>	Science Teacher Assessment on topics covered in Half term 3.
	Half Term 4	Pupils will complete: <ul style="list-style-type: none"> <li>• B5 Health, Disease and the Development of Medicines.</li> <li>• C9 Calculations involving Masses</li> <li>• P6 Radioactivity</li> </ul>	Linear Assessment on: B4-5, C8, P4-5
Summer Term	Half Term 5	Pupils will complete: <ul style="list-style-type: none"> <li>• P6 Radioactivity &amp; P7 Energy – Forces doing Work</li> <li>• C10 Electrolytic Processes</li> <li>• Revision and Exam Practise</li> </ul>	<b>Science Teacher Assessment</b>
	Half Term 6	Pupils will complete: <ul style="list-style-type: none"> <li>• B6 Plant Structures and their Functions</li> <li>• C11 Obtaining and using Metals</li> <li>• C12 Reversible reactions and Equilibria</li> <li>• P8 Forces and their effects</li> <li>• <b>Revision and examination style practice for Mock</b></li> </ul>	<b>Internal Linear Mock Examination</b>