

## Science topics at a glance GCSE Separate Sciences

<b>Year 10 GCSE Biology</b>	<b>Year 10 GCSE Chemistry</b>	<b>Year 10 GCSE Physics</b>	<b>Year 11 GCSE Biology</b>	<b>Year 11 GCSE Chemistry</b>	<b>Year 11 GCSE Physics</b>
Autumn Term: <ul style="list-style-type: none"> <li>• Cell Structure and Transport</li> <li>• Cell Division</li> <li>• Organisation and the Digestive System</li> </ul>	Autumn Term: <ul style="list-style-type: none"> <li>• Structure and Bonding</li> <li>• Chemical Calculations</li> <li>• Chemical Changes</li> </ul>	Autumn Term: <ul style="list-style-type: none"> <li>• Conservation and Dissipation of Energy</li> <li>• Energy Transfer by Heating</li> <li>• Electric Circuits</li> </ul>	Autumn Term: <ul style="list-style-type: none"> <li>• Homeostasis in Action</li> <li>• Reproduction</li> <li>• Variation and Evolution</li> <li>• Genetics and Evolution</li> </ul>	Autumn Term: <ul style="list-style-type: none"> <li>• Crude Oil and Fuels</li> <li>• Organic Reactions</li> <li>• Polymers</li> <li>• Chemical Analysis</li> </ul>	Autumn Term: <ul style="list-style-type: none"> <li>• Force and Motion</li> <li>• Force and Pressure</li> <li>• Wave Properties</li> </ul>
Spring Term: <ul style="list-style-type: none"> <li>• Organising Animals and Plants</li> <li>• Photosynthesis</li> <li>• Respiration</li> </ul>	Spring Term: <ul style="list-style-type: none"> <li>• Electrolysis</li> <li>• Energy Changes</li> <li>• Rates and Equilibrium</li> </ul>	Spring Term: <ul style="list-style-type: none"> <li>• Electricity in the Home</li> <li>• Molecules and Matter</li> </ul>	Spring Term: <ul style="list-style-type: none"> <li>• Adaptations, Interdependence and Competition</li> <li>• Organising an Ecosystem</li> <li>• Biodiversity and Ecosystems</li> </ul>	Spring Term: <ul style="list-style-type: none"> <li>• The Earth's Atmosphere</li> <li>• The Earth's Resources</li> <li>• Using Our Resources</li> </ul>	Spring Term: <ul style="list-style-type: none"> <li>• Electromagnetic Waves</li> <li>• Light</li> <li>• Electromagnetism</li> <li>• Space</li> </ul>
Summer Term: <ul style="list-style-type: none"> <li>• The Human Nervous System</li> <li>• Hormonal Coordination</li> </ul>	Summer Term: <ul style="list-style-type: none"> <li>• Crude Oil and Fuels</li> <li>• Organic Reactions</li> </ul>	Summer Term: <ul style="list-style-type: none"> <li>• Forces in Balance</li> <li>• Motion</li> </ul>	Summer Term: <ul style="list-style-type: none"> <li>• Revision</li> </ul>	Summer Term: <ul style="list-style-type: none"> <li>• Revision</li> </ul>	Summer Term: <ul style="list-style-type: none"> <li>• Revision</li> </ul>