

## KS4 Science Knowledge Organisers

Year	Science Autumn Term Knowledge Organisers
Year 10 Trilogy	<ul style="list-style-type: none"><li>• B3 - Infection and Response</li><li>• B4 - Bioenergetics</li><li>• C5 – Energy Changes</li><li>• P5 - Forces</li></ul>
Year 11 Trilogy	<ul style="list-style-type: none"><li>• C9 – Chemistry of the Atmosphere</li><li>• P5 – Forces</li><li>• B6 – Inheritance, Variation and Evolution</li></ul>

Year 10 Separates	<p>Biology</p> <ul style="list-style-type: none"><li>• B3 - Infection and Response</li><li>• B4 - Bioenergetics</li><li>• B2 - Organisation</li></ul> <p>Chemistry</p> <ul style="list-style-type: none"><li>• C2 – Structure &amp; Bonding</li><li>• C4 – Chemical Changes</li><li>• C6 – Rate of reaction</li></ul> <p>Physics</p> <ul style="list-style-type: none"><li>• P3 – Particle Model of Matter</li><li>• P4 – Atomic Structure</li></ul>
----------------------	--

Year 11 Separates	<p>Biology</p> <ul style="list-style-type: none"><li>• B7 – Ecology</li><li>• B6 – Inheritance, Variation and Evolution</li></ul> <p>Chemistry</p> <ul style="list-style-type: none"><li>• C9 – Chemistry of the Atmosphere</li><li>• C6 – Rate of reaction</li></ul> <p>Physics</p> <ul style="list-style-type: none"><li>• P6 - Waves</li></ul>
----------------------	---

Year	Science Spring Term Knowledge Organisers
Year 10 Trilogy	<ul style="list-style-type: none"> <li>• P6 – Waves</li> <li>• C6 - Rate of Reaction</li> <li>• B5 – Homeostasis and Response</li> <li>• C7 – Organic Chemistry</li> <li>• B7 – Ecology</li> </ul>
Year 11 Trilogy	<ul style="list-style-type: none"> <li>• C6 – Rate of reaction</li> <li>• P7 – Magnetism and Electromagnetism</li> </ul>

Year 10 Separates	<p>Biology</p> <ul style="list-style-type: none"> <li>• B2 - Organisation</li> <li>• B5 – Homeostasis and Response</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• C6 – Rate of reaction</li> <li>• C3 – Quantitative Chemistry</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• P2 – Electricity</li> <li>• P5 - Forces</li> </ul>
----------------------	--

Year 11 Separates	<p>Biology</p> <ul style="list-style-type: none"> <li>• B7 – Ecology</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• C9 – Chemistry of the Atmosphere</li> <li>• C8 – Chemical Analysis</li> <li>• C10 – Using Resources</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• P5 – Forces</li> <li>• P6 - Waves</li> </ul>
----------------------	---

Year	Science Summer Term Knowledge Organisers
Year 10 Trilogy	<ul style="list-style-type: none"> <li>• B7 – Ecology</li> <li>• C9 – Chemistry of the Atmosphere</li> <li>• C10 – Using Resources</li> </ul>
Year 11 Trilogy	<ul style="list-style-type: none"> <li>• All trilogy knowledge organisers for revision</li> </ul>

Year 10 Separates	<p>Biology</p> <ul style="list-style-type: none"> <li>• B5 – Homeostasis and Response</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• C7 – Organic Chemistry</li> <li>• C8 – Chemical Analysis</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• P6 - Waves</li> </ul>
----------------------	--

Year 11 Separates	<p>Biology</p> <ul style="list-style-type: none"> <li>• All Biology knowledge organisers for revision</li> </ul> <p>Chemistry</p> <ul style="list-style-type: none"> <li>• All Chemistry knowledge organisers for revision</li> </ul> <p>Physics</p> <ul style="list-style-type: none"> <li>• P7 – Magnetism and Electromagnetism</li> <li>• P8 – Space</li> <li>• All Physics knowledge organisers for revision</li> </ul>
----------------------	---