



## Science

### Year 7

Autumn Term	Spring Term	Summer Term
<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Atoms, Elements, Compounds and mixtures.</li><li>• Forces.</li></ul>	<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Particle model.</li><li>• Cells.</li></ul>	<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Human reproduction.</li></ul>
<b>Half Term 2</b> <ul style="list-style-type: none"><li>• Energy stores.</li></ul>	<b>Half Term 2</b> <ul style="list-style-type: none"><li>• Movement.</li><li>• Separating Mixtures.</li></ul>	<b>Half Term 2</b> <ul style="list-style-type: none"><li>• Revision.</li><li>• P2S3, review and acceleration.</li></ul>

### Year 8

Autumn Term	Spring Term	Summer Term
<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Plant reproduction.</li><li>• Interdependence.</li></ul>	<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Periodic table.</li><li>• Chemical reactions.</li></ul>	<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Electricity, energy costs and transfer.</li><li>• Digestion.</li></ul>
<b>Half Term 2</b> <ul style="list-style-type: none"><li>• Electricity.</li><li>• Magnets and electromagnets.</li></ul>	<b>Half Term 2</b> <ul style="list-style-type: none"><li>• Acids and alkalis.</li><li>• Heating and Cooling.</li></ul>	<b>Half Term 2</b> <ul style="list-style-type: none"><li>• RSE.</li><li>• Revision.</li><li>• P2S3, review and acceleration.</li></ul>

## Year 9

<b>Autumn Term</b>	<b>Spring Term</b>	<b>Summer Term</b>
<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Photosynthesis.</li><li>• Earths structure.</li></ul>	<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Waves – Light and Sound</li><li>• Variation and Inheritance.</li></ul>	<b>Half Term 1</b> <ul style="list-style-type: none"><li>• Pressure.</li><li>• Space.</li></ul>
<b>Half Term 2</b> <ul style="list-style-type: none"><li>• Climate and Earths resources.</li><li>• Speed.</li><li>• Work done and moments.</li></ul>	<b>Half Term 2</b> <ul style="list-style-type: none"><li>• Variation and Inheritance.</li><li>• Evolution and extinction.</li></ul>	<b>Half Term 2</b> <ul style="list-style-type: none"><li>• RSE.</li><li>• Revision.</li><li>• P2S3, review and acceleration.</li></ul>

## Year 10 – Trilogy

Autumn Term	Spring Term	Summer Term
<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>Cell biology.</li> <li>Atomic structure and the Periodic table.</li> <li>Energy.</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>Organisation.</li> <li>Structure and bonding/Chemical changes and Quantitative chemistry.</li> <li>The Particle model of matter.</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>Infection and response/Bioenergetics.</li> <li>Energy changes.</li> <li>Electricity.</li> </ul>
<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>Cell biology/Organisation.</li> <li>Atomic structure and the Periodic table/Structure and bonding.</li> <li>Energy.</li> </ul>	<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>Infection and response.</li> <li>Chemical changes and Quantitative chemistry</li> <li>The Particle model of matter/Electricity.</li> </ul>	<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>Bioenergetics.</li> <li>Energy changes.</li> <li>Atomic structure.</li> </ul>

## Year 10 – Separate Science

Autumn Term	Spring Term	Summer Term
<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>Cell biology.</li> <li>Atomic structure and the Periodic table.</li> <li>Energy.</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>Organisation.</li> <li>Structure and bonding/Chemical changes and Quantitative chemistry.</li> <li>The Particle model of matter.</li> </ul>	<p><b>Half Term 1</b></p> <ul style="list-style-type: none"> <li>Infection and response/Bioenergetics.</li> <li>Energy changes.</li> <li>Electricity.</li> </ul>
<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>Cell biology/Organisation.</li> <li>Atomic structure and the Periodic table/Structure and bonding.</li> <li>Energy.</li> </ul>	<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>Infection and response.</li> <li>Chemical changes and Quantitative chemistry</li> <li>The Particle model of matter/Electricity.</li> </ul>	<p><b>Half Term 2</b></p> <ul style="list-style-type: none"> <li>Bioenergetics.</li> <li>Energy changes.</li> <li>Atomic structure.</li> </ul>

## Year 11 – Trilogy

Autumn Term	Spring Term	Summer Term
<b>Half Term 1</b>	<b>Half Term 1</b>	<b>Half Term 1</b>
<ul style="list-style-type: none"> <li>• Bioenergetics</li> <li>• Rates and equilibrium.</li> <li>• Forces in action (A).</li> <li>• 11W4 – Chemical changes, Electricity and Bioenergetics.</li> </ul>	<ul style="list-style-type: none"> <li>• Homeostasis and response.</li> <li>• Chemical analysis/The Earth's atmosphere.</li> <li>• Forces in motion (B)/Waves.</li> <li>• 11W4 – Homeostasis and response, Waves and Organic chemistry.</li> </ul>	<ul style="list-style-type: none"> <li>• Inheritance, variation and evolution/Ecology.</li> <li>• Using the Earth's resources.</li> <li>• Forces in motion (B)/Magnetism and electromagnetism.</li> <li>• 11W4 – Ecology, Forces (B)</li> </ul>
<b>Half Term 2</b>	<b>Half Term 2</b>	<b>Half Term 2</b>
<ul style="list-style-type: none"> <li>• Bioenergetics/Homeostasis and response.</li> <li>• Crude oil, fuels and Organic chemistry.</li> <li>• Forces in action (A)/Waves.</li> <li>• 11W4 – Energy changes, Electricity and Forces (A), Rates of reaction.</li> </ul>	<ul style="list-style-type: none"> <li>• Inheritance, variation and evolution.</li> <li>• The Earth's atmosphere.</li> <li>• Forces in motion (B).</li> <li>• 11W4 – Inheritance and Variation, The Earth's atmosphere, Ecology.</li> </ul>	<ul style="list-style-type: none"> <li>• Ecology.</li> <li>• Magnetism and electromagnetism.</li> <li>• Revision and examinations.</li> </ul>

## Year 11 – Separate Science

Autumn Term	Spring Term	Summer Term
<b>Half Term 1</b>	<b>Half Term 1</b>	<b>Half Term 1</b>
<ul style="list-style-type: none"> <li>• Bioenergetics.</li> <li>• Energy changes and Rates of reaction.</li> <li>• Space.</li> </ul>	<ul style="list-style-type: none"> <li>• Homeostasis and response / Inheritance, variation and evolution.</li> <li>• Organic chemistry/Chemical analysis.</li> <li>• Waves.</li> </ul>	<ul style="list-style-type: none"> <li>• Ecology.</li> <li>• The Earth's atmosphere/Using the Earth's resources.</li> <li>• Forces in motion (B).</li> </ul>
<b>Half Term 2</b>	<b>Half Term 2</b>	<b>Half Term 2</b>
<ul style="list-style-type: none"> <li>• Homeostasis and response.</li> <li>• The rate and extent of chemical change/Organic chemistry.</li> <li>• Forces in action (A)</li> </ul>	<ul style="list-style-type: none"> <li>• Inheritance, variation and evolution.</li> <li>• Chemical analysis/The Earth's atmosphere.</li> <li>• Waves/Forces in motion (B)</li> </ul>	<ul style="list-style-type: none"> <li>• Ecology</li> <li>• Magnetism and electromagnetism.</li> <li>• Revision and examinations.</li> </ul>