



## KEY STAGE 4

### GCSE WJEC Science

GCSE WJEC Science course emphasises the contextual understanding of topics rather than the individual concepts allowing students to apply vocational skills. In addition, the course allows students understand the applications of science at home and in the workplace as well as identifying processes, methods and risks associated with practical investigations.

### Entry Level Science

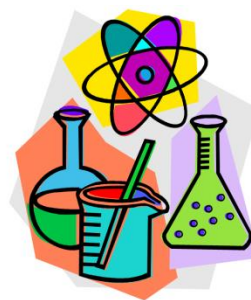
This course looks at science through relatable contexts such as cooking and cleaning, health, communication technology and babies. Each unit includes a variety of practical tasks, the opportunity to create their own investigation and a short end of topic test.

This course is internally moderated with final marks being sent to AQA in May of year 11.

Students are able to gain Entry Level 1 (40%), Entry Level 2 (60%) and Entry Level 3 (80%).

### AQA Unit Award Scheme

In science students are studying Chemistry, Physics and Biology through the AQA Unit Award Scheme. This enables students to complete coursework and engage in practical tasks at a level differentiated to meet their individual needs. It is a flexible program that offers learners the opportunity to have their achievements formally recognised with a certificate each time a short unit is successfully completed.



Science			
Key Stage 4	Autumn	Spring	Summer
US5	<ul style="list-style-type: none"> <li>Classifying Materials</li> </ul>	<ul style="list-style-type: none"> <li>Physics, Batteries &amp; Simple Circuits</li> </ul>	<ul style="list-style-type: none"> <li>Sources and effects of light</li> </ul>
US6	<p>Biology</p> <ul style="list-style-type: none"> <li>Keeping healthy</li> </ul>	<p>Chemistry</p> <ul style="list-style-type: none"> <li>Materials from the Earth</li> </ul>	<p>Physics</p> <ul style="list-style-type: none"> <li>Energy transfer &amp; efficiency</li> </ul>
US7	<ul style="list-style-type: none"> <li>Classifying Materials</li> </ul>	<ul style="list-style-type: none"> <li>Physics, Batteries &amp; Simple Circuits</li> </ul>	<ul style="list-style-type: none"> <li>Sources and effects of light</li> </ul>
US8	<p>First Year CHEMISTRY</p> <ul style="list-style-type: none"> <li>'Science and Life in the Modern World'</li> <li>Chemicals for a purpose</li> </ul> <p>ELC</p> <ul style="list-style-type: none"> <li>ESA Chemistry test</li> <li>Component 3 &amp; 4</li> </ul> <p>Second Year CONTROLLED ASSESSMENT</p> <ul style="list-style-type: none"> <li>Practical work – mock controlled assessment</li> </ul> <p>BIOLOGY – Second year</p> <ul style="list-style-type: none"> <li>'Science and Life in the Modern World'</li> <li>Science for Healthy Living</li> </ul>	<p>First Year PHYSICS</p> <ul style="list-style-type: none"> <li>'Space Energy &amp; Life'</li> <li>Our changing world</li> <li>Exploring Space</li> </ul> <p>ELC</p> <ul style="list-style-type: none"> <li>ESA Physics test</li> <li>Component 6</li> <li>Assessed practical work</li> </ul> <p>Second Year PHYSICS</p> <ul style="list-style-type: none"> <li>'Space, Energy and Life'</li> </ul> <p>ELC</p> <p>ESA Biology test</p> <p>Component 1 &amp; 2</p> <p>Actual controlled assessment</p>	<p>First Year CONTROLLED ASSESSMENT</p> <p>Practical work – mock controlled assessment</p> <ul style="list-style-type: none"> <li>Practice report writing</li> <li>Practise procedures</li> <li>ELC assessed practical work</li> </ul> <p>Second Year REVISION</p> <ul style="list-style-type: none"> <li>End of topic tests</li> <li>Revise past papers questions</li> </ul>
US9	<p>Biology</p> <ul style="list-style-type: none"> <li>Inheritance, evolution and environment</li> </ul>	<p>Chemistry</p> <ul style="list-style-type: none"> <li>Oils, Earth and atmosphere</li> </ul>	<p>Physics</p> <ul style="list-style-type: none"> <li>Electricity &amp; waves</li> </ul>