

# CURRICULUM CONTENT (KS4) Year 11 GCSE Combined Science

The course we deliver is AQA GCSE Chemistry, syllabus code 8464

Please note this is for students starting their GCSE Combined Science course from 2016 onwards

<p style="text-align: center;"><b>Autumn Term</b></p> <ul style="list-style-type: none"> <li>• 4.5 Homeostasis and response</li> <li>• 4.6 Inheritance, variation and evolution</li> <li>• 5.7 Organic chemistry</li> <li>• 5.8 Chemical changes</li> <li>• 6.5 Forces</li> <li>• 6.6 Waves</li> <li>• Required practicals</li> </ul>	<p style="text-align: center;"><b>Key Assessments</b></p> <ul style="list-style-type: none"> <li>• Regular assessment of content using past paper style questions</li> <li>• End of Topic tests</li> </ul>	<p style="text-align: center;"><b>Extension Activities that parents can undertake to support learning</b></p> <ul style="list-style-type: none"> <li>• Encourage your daughter to actively revise by making revision cue cards and mind maps using content from her exercise book</li> <li>• Encourage your daughter to access materials from the Kerboodle site to support her learning</li> </ul>
<p style="text-align: center;"><b>Spring Term</b></p> <ul style="list-style-type: none"> <li>• 4.7 Ecology</li> <li>• 5.9 Chemistry of the atmosphere</li> <li>• 5.10 Using resources</li> <li>• 6.7 Magnetism and electromagnetism</li> <li>• Required practicals</li> </ul>	<p style="text-align: center;"><b>Key Assessments</b></p> <ul style="list-style-type: none"> <li>• Regular assessment of content using past paper style questions</li> <li>• End of Topic tests</li> <li>• Year 11 Combined Science mock exams, one in each of Biology, Chemistry and Physics</li> </ul>	<p style="text-align: center;"><b>Extension Activities that parents can undertake to support learning</b></p> <ul style="list-style-type: none"> <li>• Discuss news paper articles relating to Science</li> <li>• Watch programmes such as Bang Goes the Theory and Horizon</li> </ul>
<p style="text-align: center;"><b>Summer Term</b></p> <ul style="list-style-type: none"> <li>• Biology key ideas</li> <li>• Chemistry key ideas</li> <li>• Physics key ideas</li> <li>• Revision activities in preparation for the summer exam</li> </ul>	<p style="text-align: center;"><b>Key Assessments</b></p> <ul style="list-style-type: none"> <li>• Regular assessment of content using past paper style questions</li> <li>• Biology Paper 1 and Biology Paper 2 External Exams</li> <li>• Chemistry Paper 1 and Chemistry Paper 2 External Exams</li> <li>• Physics Paper 1 and Physics paper 2 External Exams</li> </ul>	<p style="text-align: center;"><b>Extension Activities that parents can undertake to support learning</b></p> <ul style="list-style-type: none"> <li>• Use a variety of websites such as s-cool.co.uk and BBC bitesize to support revision</li> <li>• Visit the Wellcome Trust Museum, London.</li> </ul>