

# CURRICULUM CONTENT (KS4) Year 10 GCSE Chemistry

The course we deliver is AQA GCSE Chemistry, syllabus code 8462

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

<b>Autumn Term</b> <ul style="list-style-type: none"><li>• 4.1 Atomic structure and the periodic table</li><li>• 4.2 Bonding structure and the properties of matter</li><li>• Required practicals</li></ul>	<b>Key Assessments</b> <ul style="list-style-type: none"><li>• Regular assessment of content using past paper style questions</li><li>• End of Topic tests</li></ul>	<b>Extension Activities that parents can undertake to support learning</b> <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>
<b>Spring Term</b> <ul style="list-style-type: none"><li>• 4.3 Quantitative chemistry</li><li>• 4.4 Chemical changes</li><li>• Required practicals</li></ul>	<b>Key Assessments</b> <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 10 Chemistry Exam</li></ul>	<b>Extension Activities that parents can undertake to support learning</b> <ul style="list-style-type: none"><li>• Discuss news paper articles relating to Science</li><li>• Watch Science programmes such as Bang Goes the Theory and Horizon</li><li>• Purchase a CGP revision guide (available through RHS)</li></ul>
<b>Summer Term</b> <ul style="list-style-type: none"><li>• 4.5 Energy changes</li><li>• 4.6 The rate and extent of chemical change</li><li>• Required practicals</li></ul>	<b>Key Assessments</b> <ul style="list-style-type: none"><li>• Regular assessment of content using past paper style questions</li><li>• End of Topic tests</li></ul>	<b>Extension Activities that parents can undertake to support learning</b> <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>• Encourage your daughter to use past papers as part of her revision to improve exam technique</li><li>• Visit the Science Museum, London.</li></ul>