

CURRICULUM CONTENT (KS4) Year 10 GCSE Combined Science

The course we deliver is AQA GCSE Combined Science: Trilogy, syllabus code 8464

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

<p style="text-align: center;">Autumn Term</p> <ul style="list-style-type: none"> • 4.1 Cell Biology • 4.2 Organisation • 5.1 Atomic structure and the periodic table • 5.2 Bonding structure and the properties of matter • 6.1 Energy • 6.2 Electricity • Required practicals 	<p style="text-align: center;">Key Assessments</p> <ul style="list-style-type: none"> • Regular assessment of content using past paper style questions • End of Topic tests 	<p style="text-align: center;">Extension Activities that parents can undertake to support learning</p> <ul style="list-style-type: none"> • Encourage your daughter to actively revise by making revision cue cards and mind maps using content from her exercise book • Encourage your daughter to access materials from the Kerboodle site to support her learning
<p style="text-align: center;">Spring Term</p> <ul style="list-style-type: none"> • 4.3 Infection and response • 5.3 Quantitative chemistry • 5.4 Chemical changes • 6.3 Particle model of matter • Required practicals 	<p style="text-align: center;">Key Assessments</p> <ul style="list-style-type: none"> • Regular assessment of content using past paper style questions • End of Topic tests • Year 10 Biology Exam, Year 10 Chemistry Exam, Year 10 Physics exam 	<p style="text-align: center;">Extension Activities that parents can undertake to support learning</p> <ul style="list-style-type: none"> • Discuss news paper articles relating to Science • Watch Science programmes such as Bang Goes the Theory and Horizon • Purchase a CGP revision guide (available through RHS)
<p style="text-align: center;">Summer Term</p> <ul style="list-style-type: none"> • 4.4 Bioenergetics • 5.5 Energy changes • 5.6 The rate and extent of chemical change • 6.4 Atomic structure • Required practicals 	<p style="text-align: center;">Key Assessments</p> <ul style="list-style-type: none"> • Regular assessment of content using past paper style questions • End of Topic tests 	<p style="text-align: center;">Extension Activities that parents can undertake to support learning</p> <ul style="list-style-type: none"> • Use a variety of websites such as s-cool.co.uk and BBC bitesize to support revision • Encourage your daughter to use past papers as part of her revision to improve exam technique • Visit the Science Museum, London.