

## Science (Combined AQA Trilogy) - Paper 2

<b>Exam Duration</b>	Biology 1hr 15min Chemistry 1hr 15min Physics 1hr 15 min  <i>Please note these are only half of the exams that are in the final GCSE</i>	<b>Equipment</b>	Black pens Ruler Pencil Eraser Calculator Protractor
<b>Revision Resources</b>	<a href="http://www.my-GCSEscience.com">www.my-GCSEscience.com</a> AQA Science textbooks available on kerboodle.com Biology for combined science trilogy, Chemistry for combined science trilogy, Physics for combined science trilogy. (Usernames and passwords available from Mrs Norris if forgotten) BBC bitesize <a href="http://www.aqa.org.uk">www.aqa.org.uk</a> for past exam papers		
<b>Exam Revision Checklist</b>			
<b>Content</b>			<b>Revised?</b>
	<b>Title</b>	<b>Textbook chapter</b>	
<b>Biology</b>	The human nervous system Hormonal Coordination Reproduction Variation and evolution Genetics and evolution Adaptations, interdependence and competition Organising an ecosystem Biodiversity and ecosystems  <b>Required practicals:</b> Investigating reaction times using the ruler drop test Investigate the population size of a common species in a habitat using random sampling and transects.	B10 B11 B12 B13 B14 B15  B16 B17	
<b>Chemistry</b>	Rate of reaction and equilibrium Crude oils and fuels Chemical analysis The Earth's atmosphere The Earth's resources  <b>Required practicals:</b> To investigate the rate of chemical reactions using gas collection, disappearing cross and mass loss methods. To use chromatography to calculate the Rf values of substances To purify and test water using distillation	C8 C9 C10 C11 C12	

<b>Physics</b>	<p>Forces in balance  Motion  Forces and motion  Wave properties  Electromagnetic waves  Electromagnetism</p> <p><b>Required practicals:</b>  Investigating the relationship between force and extension of a spring  Investigating the relationship between forces and acceleration using newton meters and trolleys.  Investigating waves using a ripple tank and on a stretched spring.  Investigating absorption and emission of infrared radiation using different surfaces.</p>	<p>P8  P9  P10  P11  P12  P13</p>	