

## Science (Separate Science AQA) - Paper 2

<b>Exam Duration</b>	Biology 2 1hr 45min Chemistry 2 1hr 45min Physics 2 1hr 45 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 Homeostasis in action 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 Investigating the effect of light or gravity on the germination and growth of seedlings Investigate the population size of a common species in a habitat using random sampling and transects. Investigate the effect of temperature on the rate of decay of milk	B10 B11 B12 B13 B14 B15  B16 B17 B18	
<b>Chemistry</b>	Rate of reaction and equilibrium Crude oils and fuels Organic reactions Polymers Chemical analysis The Earth's atmosphere The Earth's resources Using our resources	C8 C9 C10 C11 C12 C13 C14 C15	

	<p><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 use chemical tests to identify unknown compounds          To purify and test water using distillation</p>		
<b>Physics</b>	<p>Forces in balance          Motion          Forces and motion          Force and pressure          Wave properties          Electromagnetic waves          Light          Electromagnetism          Space</p> <p><b>Required practicals:</b>          Investigating the relationship between forces and extension for 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 the reflection and refraction of light          Investigating absorption and emission of infrared radiation using different surfaces.</p>	<p>P8          P9          P10          P11          P12          P13          P14          P15          P16</p>	