

Separate Sciences (Triple Science) (AQA)

Exam Duration	Biology 1hr 45min Chemistry 1hr 45min Physics 1hr 45 min <i>Please note these are only half of the exams that are in the final GCSE</i>	Equipment	Black pens Ruler Pencil Calculator Protractor
Revision Resources	<p><u>Use the revision timetable posted in the google classroom to guide your independent study - this is linked to the online kerboodle text books</u></p> <p>AQA Science textbooks available on kerboodle.com Biology, Chemistry, Physics books www.kerboodle.com, both the username and password are the first initial and surname, eg jsmith, institution code is TA4 (Usernames and passwords available from Mrs Kennedy if forgotten) Science efocus virtual practicals user = student@johncolet35026 PW=vtk0533mv www.my-GCSEscience.com free science lessons BBC bitesize www.aqa.org.uk for past exam papers</p> <p>CGP AQA Biology ISBN 978 1 78294 583 3 CGP AQA Chemistry ISBN 978 1 78594 584 0 CGP AQA Physics ISBN 978 1 78924 585 7</p>		

Exam Revision Checklist			
Content			Revised?
	Title	Textbook chapter	
Biology	Cell structure and transport in cells Cell division Digestive system Plant tissues Communicable disease Heart and lifestyle disease Bioenergetics Required practicals: 1. Looking at cells under a microscope including biological drawing and calculating magnification. 2. Investigating the effects of antiseptics and antibiotics on bacterial growth. 3. Investigating osmosis in plant cells. 4. Food tests (starch, sugar, lipids and proteins).	B1 B2 B3 B4 (4.6-4.9 only) B5 and B6 B4 and B7 B8 and B9	

	<ol style="list-style-type: none"> 5. Investigating the effect of pH on the rate of reaction of amylase. 6. Investigating the effect of light intensity on the rate of photosynthesis. 		
Chemistry	<p>Atomic structure and the periodic table Bonding and structures Metals and reactivity Reactions of Acids Calculations Exo and endothermic reactions</p> <p>Required practicals:</p> <ol style="list-style-type: none"> 1. Preparing pure salt crystals from an insoluble metal oxide or metal carbonate and acid. 2. Carrying out a titration. 3. Investigating temperature changes during reactions. 	C1 and C2 C3 C5 C5 C4 C7	
Physics	<p>National and global energy resources Particle model Atomic structure and radiation Conservation and Dissipation of energy Electricity Domestic uses of electricity and safety</p> <p>Required Practicals:</p> <ol style="list-style-type: none"> 1. Measuring specific heat capacity of a material. 2. Investigating the materials as insulators. 3. Investigating the resistance of a wire. 4. Investigating the I-V characteristics of different components in a circuit including: a filament lamp, a diode and a resistor at a constant temperature. 5. Investigating combinations of resistors in series and in parallel. 6. Investigating density of regular and irregular shapes and liquids. 	P3 P6 P7 P1 P4 P5	