

Achieving Success – Subject Specific Tips

Subject	Combined Science & Separate Sciences	Exam Board	AQA
Class and Homework Expectations			
Students must bring the following items each lesson: - Pen, pencil, 30cm ruler - Scientific calculator Students may also wish to bring: - Highlighters - Revision guide or revision notes / flashcards			
Scheme of work			
Year 9 Cells and Cell Transport (B1) Pathogens and Disease (B5-7) Respiration and Photosynthesis (B8-9) Atomic Structure and Bonding (C1-3) States of Matter and Radioactivity (P6-7) Energy Resources (P3)	Year 10 Digestion and Enzymes (B3) Circulation and Breathing (B4) Ecology and Adaptations (B16-18) Quantitative Chemistry (C4) Metal and Acid Reactions (C5) Electrolysis and Energy Changes (C6-7) Energy Transfers (P1) Electricity (P4-5) Waves and EM Spectrum (P12-14)	Year 11 Homeostasis and the Nervous System (B10-12) Reproduction, Genetics and Classification (B13-15) Rate of Reaction (C8) Organic Chemistry (C9-11) Chemical Analysis (C12) Atmospheric Chemistry (C13) Water Treatment and Sustainability (C14) Forces and Motion (P8-10)	
Assessment objectives			
AO1 40% Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures	AO2 40% Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures	AO3 20% Analyse information and ideas to: interpret and evaluate; make judgements and draw conclusions; develop and improve experimental procedures	
Assessment			
Combined Science 6x 75-minute exams - Biology Paper 1 and Paper 2 - Chemistry Paper 1 and Paper 2 - Physics Paper 1 and Paper 2		Triple Science 6x 105-minute exams - Biology Paper 1 and Paper 2 - Chemistry Paper 1 and Paper 2 - Physics Paper 1 and Paper 2	
How to do well in the subject at GCSE			
• Learn your keywords! – correct terminology is essential in Science • Ongoing revision – there is too much to memorise in a short time so spread it out • Required practicals – don't neglect them, remember these account for 25% of the exam			
Support Available			
• One to one support from your science teacher • Revision classes • Revision guides available for purchase (see Mrs King)			
How parents could help support			
• Please check your son or daughter is revising for assessments and test them on the content regularly • Check they are doing homework			
Helpful websites or resources			
www.educake.com – used for homework, regular testing and revision GCSE Combined Science - AQA Trilogy - BBC Bitesize – reliable and concise, a great starting place			