

GCSE Subject Information

Subject: Double Award Science

What the subject is about:

Biology, Chemistry and Physics are taught separately in 4 periods a week each by a specialist teacher in each subject. In Biology, you learn about living things. In Chemistry, you study materials and their reactions. In Physics, you learn about energy and forces. The knowledge acquired and the skills developed may be applied to everyday situations and are useful in a broad range of careers.

Course content and assessment schedule:

Paper	Duration	% of total	Content
Biology Unit 1	1 hour May Y11	11%	Living Processes and Biodiversity
Chemistry Unit 1	1 hour May Y11	11%	Structures, Trends and Chemical Reactions
Physics Unit 1	1 hour May Y11	11%	Forces and Motion, Energy, Moments and Radioactivity
Biology Unit 2	1 ¼ hours June Y12	14%	Body Systems, Genetics, Microorganisms and Health
Chemistry Unit 2	1 ¼ hours June Y12	14%	Further Chemical Reactions and Organic Chemistry
Physics Unit 2	1 ¼ hours June Y12	14%	Waves, Sound and Light, Electricity and the Earth and Universe
Practical Skills Unit	Approx. 6-8 hours in class	25%	One controlled assessment task in each subject in term 3 of Y11 or term 1 of Y12. Each task is completed in class under teacher guidance and supervision. Each task involves planning an investigation, obtaining suitable evidence and interpreting and analysing this evidence.

Attributes needed to succeed in the course

Good attendance and punctuality - particularly important for controlled assessment
 The ability to listen in class and follow instructions
 An organised approach to taking notes
 A willingness to develop good mathematical skills
 A willingness to develop good practical skills
 A willingness and ability to study independently e.g. using the VLE resources