



Science (Triple Science: Biology, Physics and Chemistry) Optional

Exam board: AQA	Course Code: Biology: 8461 Chemistry: 8462 Physics: 8463
Outline of course: <p>This course allows students to achieve three distinct GCSEs in each of the sciences and develops the range of their scientific knowledge and understanding beyond that of those doing combined science. This course is an ideal starting point for those wishing to enter the fields of medicine and science.</p> <p>GCSE Biology: 1. Cell biology. 2. Organisation. 3. Infection and response. 4. Bioenergetics. 5. Homeostasis and response. 6. Inheritance, variation and evolution. 7. Ecology. 8. Key ideas</p> <p>GCSE Chemistry: 1. Atomic structure and the periodic table. 2. Bonding, structure, and the properties of matter. 3. Quantitative chemistry. 4. Chemical changes. 5. Energy changes. 6. The rate and extent of chemical change. 7. Organic chemistry. 8. Chemical analysis. 9. Chemistry of the atmosphere. 10. Using resources</p> <p>GCSE Physics: 1. Energy. 2. Electricity. 3. Particle model of matter. 4. Atomic structure. 5. Forces. 6. Waves. 7. Magnetism and electromagnetism. 8. Space physics (physics only)</p> <p>Triple science is a qualification that is a guided options choice and is an EBacc qualifying subject. However, we recommend that you are predicted a grade 6 or above in science if you wish to consider this course.</p>	
Assessment: <p>Students will sit two written examinations for each subject. Each exam is:</p> <ul style="list-style-type: none">- 1 hour and 45 minutes- 100 marks- 50% of the GCSE qualification for each separate Science <p>Biology Paper 1: Topics 1, 2, 3, and 4 Biology Paper 2: Topics 5, 6 and 7</p> <p>Chemistry Paper 1: Topics 1, 2, 3, 4 and 5 Chemistry Paper 2: Topics 6, 7, 8, 9 and 10</p> <p>Physics Paper 1: Topics 1, 2, 3 and 4 Physics Paper 2: Topics 5, 6, 7 and 8</p>	
Choose this subject if... <p>The study of science, particularly beyond GCSE, allows access into a great range of careers across many industries. These include biologist, chemist, physicist, government scientist, healthcare scientist, science technician, biomedical scientist, doctor, nurse, paramedic, astronomer, and many more.</p>	
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