

GCSE Combined Science Trilogy



Career Options

Examples of careers opportunities include: medicine; physiotherapist; chemist; beautician; plumber; nurse; surveyor; engineer; farmer; sports trainer; lawyer; journalist; computer games developer.

Subject Content

Combined Science Trilogy is part of the AQA science suite, developed to inspire and challenge students of all abilities and aspirations. Some examples of the subject topics are:

Biology

- Cell biology
- Organisation
- Bioenergetics
- Inheritance, variation, and evolution
- Ecology

Chemistry

- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- The rate and extent of chemical change
- Organic chemistry

Physics

- Energy
- Electricity
- Atomic structure
- Forces
- Magnetism and electromagnetism

Assessment Information

- Trilogy is a linear double award course, and worth two GCSEs.
- Pupils will follow either the higher (Grades 9 – 4); or the foundation tier (Grades 5 – 1).
- Both are assessed by six, 1 hour and 15-minute exams. Pupils will sit two Biology, two Chemistry and two Physics papers. Each of the papers will assess knowledge and understanding from distinct topic areas. Questions include multiple choice, structured, closed short answer, and open response.
- Each examination is out of 70 marks and has a weighting of 16.7%. Scores will be added to give an overall total which will then be converted to a grade.
- Pupils will also gain experience of 21 practical activities. Questions in the written exams will draw on the knowledge and understanding students have gained by carrying out the practical. These questions will count for at least 15% of the overall marks for the qualification.

Why Study...?

Science provides a foundation for many science-related and unrelated careers. The course aims to: - develop scientific knowledge through the disciplines of biology, chemistry and physics as well as enabling pupils to understand the nature, processes and methods of science through different types of scientific enquiry that help them answer scientific questions about the world around them.

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