

GCSE Biology, Chemistry and Physics (GCSE Triple Science)



Exam Board:

AQA Biology, Chemistry and Physics GCSE (Triple Science GCSE)

Course Outline:

Towards the end of the Spring term in Year 9, high achieving Year 9 students will be selected to study separate Triple Science GCSE. Students will sit GCSE style assessments in the Summer term of Year 9, and the results will be used to select students.

In Triple Science GCSE, students' study for GCSE Biology, Chemistry and Physics separately and obtain 3 individual GCSE grades. Triple Science content is similar to Combined Science GCSE, but students go into more detail.

Students could be required to attend one lesson after school every week. This is a significant extra commitment. Around 6 to 7% of our current Year 11s follow the 'Triple Science option'

You will study:

In the Triple science; GCSE Biology, Chemistry and Physics you will study the following topic areas:

Course Content

GCSE Biology topics: Cell Biology; Organisation; Infection and response; Bioenergetics; Homeostasis and response; Inheritance, variation and evolution; Ecology

GCSE Chemistry topics: Atomic structure and the periodic table; bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; Energy changes. The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and using resources.

GCSE Physics topics: Energy; Electricity; Particle model of matter; and Atomic structure. Forces; Waves; and Magnetism and electromagnetism.

Website:

<http://www.aqa.org.uk/subjects/science/gcse/physics-8463>

<http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>

<http://www.aqa.org.uk/subjects/science/gcse/biology-8461>

This course comprises three separate GCSEs; Biology, Chemistry and Physics taken at the end of Year 11. **Around 5 to 7% of Key Stage 4 students will be entered for this option.**

Method of assessment: 3 separate GCSEs in Biology, Chemistry and Physics, all at the end of Year 11. All exams are taken at the end of Year 11. All students will be entered for the Higher tier for each of the three science (Grades 9-9 to 4-3)

Biology	Chemistry	Physics
2 papers 1 hour 45 mins 50% each	2 papers 1 hour 45 mins 50% each	2 papers 1 hour 45 minutes 50% each

Each paper is worth 50% for each of the three separate GCSE graded (Biology, Chemistry and Physics) GCSE grade and will include multiple choice, structured, closed short answer, and open response questions.

Post 16 Progression:

A-level Biology, Chemistry and Physics

This option is *preferable* for any students who wish to have a career involving any aspect of science, for example: Engineering, Medicine, Dentistry, Pharmacy, Nursing, Veterinary (Vets) Sciences, Computer Science, Forensic Science, Architecture and for those who wish to study **two or more sciences at 'A' Level.**

- 3 high Separate GCSEs (Biology, Chemistry and Physics) grades (6-6 or better) will provide access to Biology, Chemistry and Physics A Levels.

Contact name/Email:

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