

Combined Science



Qualification Examination Board Specification Code

GCSE

AQA

8464

Course Overview



The Combined Science Trilogy course introduces pupils to the key scientific principles that they will encounter in their everyday lives and teaches them how they work and what they mean to them as an individual and to society as a whole.

The course not only teaches the pupils the theory of the fundamentals of science but also equips them with the practical science enquiry skills to carry out a range of investigations, gather useful data, analyse it and make conclusions.

Pupils will be awarded 2 GCSEs at the end of the course.

Notes

Topics Covered

The Combined Science course covers a wide range of topics which may be broadly grouped as follows:

- **Biology**—The study of living things, their evolution and the environment they live in
- **Chemistry**— The study of the elements, how they react and how we use them
- **Physics**— The study of forces and energy, the rules that govern them and how they affect us

Assessment

The final assessment of this course consists of a total of six papers:-

- There are two Biology papers
- There are two Chemistry papers
- There are two Physics papers

Each of the papers will be **1hr and 15 minutes long** and assess knowledge and understanding from distinct topic areas. During the course pupils will be regularly assessed via checkpoint tests and weekly homework.

Course Progression

This course can serve as the gateway to 'A' Level science studies in Biology, Chemistry and Physics.

Career Opportunities

Many and varied! All areas of Medicine and Health Care, Forensic science, Research and Development, Engineering, Environmental Health, Bioinformatics, Nanotechnology, Science teaching.

<http://www.sciencebuddies.org/science-engineering-careers>

For Further information

<http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>