



Science

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Course Title	GCSE Combined Science Trilogy (2 GCSEs)
Website	<u>AQA Science GCSE Combined Science: Trilogy</u>



Course Overview

- GCSE Combined Science (Trilogy) is a double GCSE taken by the majority of students. It builds on the Key Stage 3 curriculum and encourages students to explore, explain, theorise and model in science, encouraging a critical approach to scientific evidence.
- Students will study a range of biology, chemistry and physics topics including 21 required practicals developing transferrable scientific skills through working scientifically.



Course Overview

Topics studied are:

Biology

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

Chemistry

8. Atomic structure and the periodic table
9. Bonding, structure, and the properties of matter
10. Quantitative chemistry
11. Chemical changes
12. Energy changes
13. The rate and extent of chemical change
14. Organic chemistry
15. Chemical analysis
16. Chemistry of the atmosphere
17. Using resources

Physics

18. Energy
19. Electricity
20. Particle model of matter
21. Atomic structure
22. Forces
23. Waves
24. Magnetism and electromagnetism



Assessment

- The Combined Science GCSE is examined by six, 1 hour 15 min written exams, each of which is worth 16.7%. There are two exams on each subject Biology, Chemistry and Physics.
- They will assess knowledge and understanding from above topic areas including the 21 required practicals. The papers will consist of multiple choice, structured, closed short answer, and open response questions.
- Past exam papers and specimen papers can be found here:

[AQA | Find past papers and mark schemes](#)



Additional information

- Combined Science: Trilogy gives students the option to progress to A-levels in science or other subjects.
- In the long term, if you decide to pursue your scientific studies, it can lead to an almost limitless number of job opportunities. Highly qualified scientists are very much in demand and their skills are required in many jobs.

[Top ten employability skills | STEM](#)