Combined Science

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Course Title	GCSE Combined Science: Trilogy (2 GCSEs)
Website	AQA | Science | GCSE | Combined Science: Trilogy

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, to develop transferrable skills through working scientifically.

Topics studied are:

1. Cell biology	13. The rate and extent of chemical change
2. Organisation	14. Organic chemistry
3. Infection and response	15. Chemical analysis
4. Bioenergetics	16. Chemistry of the atmosphere
5. Homeostasis and response	17. Using resources
6. Inheritance, variation and evolution	18. Energy
7. Ecology	19. Electricity
8. Atomic structure and the periodic table	20. Particle model of matter
9. Bonding, structure, and the properties of matter	21. Atomic structure
10. Quantitative chemistry	22. Forces
11. Chemical changes	23. Waves
12. Energy changes	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 the topic areas above, 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

The Combined Science GCSE 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.