



Combined Trilogy Science

AQA: 8464





What is this course about?

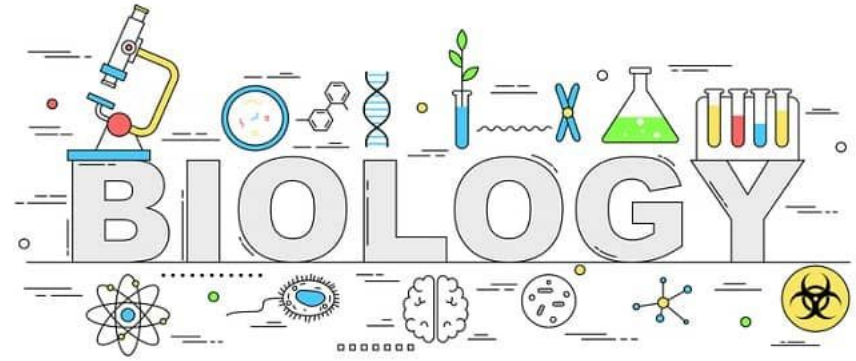
- Double Award Science (also known as 'Combined Science' or 'Trilogy') is where students study all three sciences (Biology, Chemistry and Physics) but end up with two GCSEs.
- GCSE specifications in combined award science enable students to develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics
- develop understanding of the nature, processes and methods of science, through different types of scientific enquiries that help them to answer scientific questions about the world around them
- develop and learn to apply observational, practical, modelling, enquiry and problem-solving skills, both in the laboratory, in the field and in other learning environments
- develop their ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively.



What will I learn?

Biology

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology





What will I learn?

Chemistry

- 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
- Using resources

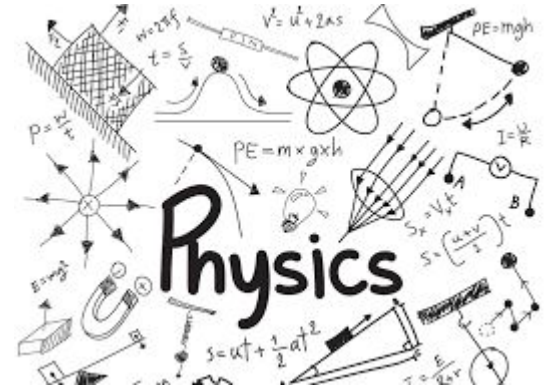




What will I learn?

Physics

- Energy
- Electricity
- Particle model of matter
- Atomic structure
- Forces
- Waves
- Magnetism and electromagnetism





How will I be assessed?

Assessments

There are six papers: two biology, two chemistry and two physics. Each of the papers will assess knowledge and understanding from distinct topic areas.

How it's assessed

Written exam: 1 hour 15 minutes

Foundation and Higher Tier

70 marks

16.7% of GCSE

Questions

Multiple choice, structured, closed short answer, and open response.

QAQ Style	QAQ Style	QAQ Style
GCSE COMBINED SCIENCE: TRILOGY Higher Tier	GCSE COMBINED SCIENCE: TRILOGY Higher Tier	GCSE COMBINED SCIENCE: TRILOGY Higher Tier
H	H	H
Time allowed: 1 hour 15 minutes	Time allowed: 1 hour 15 minutes	Time allowed: 1 hour 15 minutes
Materials • A ruler • A non-programmable calculator	Materials • A ruler • A non-programmable calculator	Materials • A ruler • A non-programmable calculator
Question Mark 1 1	Question Mark 1 1	Question Mark 1 1
GCSE COMBINED SCIENCE: TRILOGY Foundation Tier	GCSE COMBINED SCIENCE: TRILOGY Foundation Tier	GCSE COMBINED SCIENCE: TRILOGY Foundation Tier
F	F	F
Time allowed: 1 hour 15 minutes	Time allowed: 1 hour 15 minutes	Time allowed: 1 hour 15 minutes
Materials • A ruler • A non-programmable calculator • A scientific calculator	Materials • A ruler • A non-programmable calculator • A scientific calculator	Materials • A ruler • A non-programmable calculator • A scientific calculator
Question Mark 1 1	Question Mark 1 1	Question Mark 1 1



Where could this course take me in the future?

Embryologist Bacteriologist
Biochemist Laboratory Technician
Ecologist Pharmacist Government
Chemist Marine Biologist
Zoologist Geologist Veterinarian
Physicist SCIENCE Biologist
Computer Science Astronomer
Surgeon Lab Assistant
Microbiologist Physician
Forensic Scientist Environmentalist
Neuroscientist
Researcher Seismologist