

AQA GCSE Combined Sciences (sets 2-6): 8464

GCSE Combined Sciences: Subject Content

- **Biology**

Cell biology

Organisation

Infection and response

Bioenergetics

Homeostasis and response

Inheritance, variation and evolution

Ecology

- **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

- **Physics**

Forces

Energy

Waves

Electricity

Magnetism and electromagnetism

Particle model of matter

Atomic structure

GCSE Combined Sciences: How it's assessed

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

Biology Paper 1

What's assessed?

Biology topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

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.

Biology Paper 2**What's assessed?**

Biology topics 5–7: Homeostasis and response; Inheritance, variation and evolution and Ecology.

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.

Chemistry Paper 1**What's assessed?**

Chemistry topics 8–12: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes and Energy changes.

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.

Chemistry Paper 2**What's assessed?**

Chemistry topics 13–17: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere and using resources.

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.

Physics Paper 1

What's assessed?

Energy

Electricity

Particle model of matter

Atomic structure

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.

Physics Paper 2

What's assessed?

Forces

Waves

Magnetism and electromagnetism

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.