

GCSE Chemistry at a glance

This qualification is linear. Linear means that students will sit all their exams at the end of the course.

Subject content

- 1. Atomic structure and the periodic table
- 2. Bonding, structure, and the properties of matter
- 3. Quantitative chemistry
- 4. Chemical changes
- 5. Energy changes
- 6. The rate and extent of chemical change
- 7. Organic chemistry
- 8. Chemical analysis
- 9. Chemistry of the atmosphere
- 10. Using resources

Assessments

Paper 1:

What's assessed

Topics 1–5: 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 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Questions

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



Paper 2:

What's assessed

Topics 6–10: 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 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Questions

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

GCSE Biology at a glance

This qualification is linear. Linear means that students will sit all their exams at the end of the course.

Subject content

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

Assessments

Paper 2:

Paper 1

What's assessed

Topics 1–4: Cell biology; Organisation; Infection and response; and Bioenergetics.

How it's assessed

Written exam: 1 hour 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Questions

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



Paper 2

What's assessed

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

How it's assessed

Written exam: 1 hour 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Questions

Paper 2:

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

GCSE Physics at a glance

This qualification is linear. Linear means that students will sit all their exams at the end of the course.

Subject content

1. Energy
2. Electricity
3. Particle model of matter
4. Atomic structure
5. Forces
6. Waves
7. Magnetism and electromagnetism
8. Space physics (physics only)

Assessments

Paper 1:

What's assessed

Topics 1-4: Energy; Electricity; Particle model of matter; and Atomic structure.

How it's assessed

Written exam: 1 hour 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Paper 2:

Questions

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



Paper 2:

What's assessed

Topics 5-8: Forces; Waves; Magnetism and electromagnetism; and Space physics.

Questions in paper 2 may draw on an understanding of energy changes and transfers due to heating, mechanical and electrical work and the concept of energy conservation from Energy and Electricity.

How it's assessed

Written exam: 1 hour 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Questions

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