

Year 9 and GCSE Science – Combined Science (Trilogy) and Triple

Curriculum content:

Half Term	Year 9 – exam Summer 2024	Year 10 – exam Summer 2023	Year 11 – exam Summer 2022
Autumn Term	Health and Safety in Science KS3 – KS4 Transition (Focus on key content and skills from KS3 and linking them to the upcoming KS4(GCSE) specification BIO – Cells CH – Atoms and the Periodic Table	BIO – Infection and Response & Bioenergetics CH – Quantitative Chemistry & Energy Changes PHY – Electricity & Atomic Structure	BIO – Inheritance Variation and Evolution CH – Chemistry of the Atmosphere & Using Resources PHY – Waves PHY – Space (Triple Only)
Spring Term	PHY – Energy CH – Bonding, Structure and the Properties of Matter	BIO – Homeostasis and Response CH – Chemical Changes & Rate and Extent of Chemical Change PHY - Forces	Revision and consolidation – specific focus on Paper 1 content and Required Practicals
Summer Term	BIO – Organisation PHY – Particle Model of Matter	BIO – Ecology CH – Organic Chemistry & Chemical Analysis PHY – Magnetism and Electromagnetism	

Skills:

- Scientific thinking
- Experimental skills and strategies
- Analysis and evaluation
- Scientific vocabulary, quantities, units, symbols and nomenclature

Combined Science (Trilogy) Assessment:

There are six papers*: two biology, two chemistry and two physics. Each of the papers will assess knowledge and understanding from distinct topic areas. At the end of the course 2 GCSE grades will be awarded as a combination of all the sciences.

Students cannot mix their tier of entry, they have to sit either Higher or Foundation for all six of the exams.

Each exam comprises:

- Written exam: 1 hour 15 minutes
- Foundation or Higher Tier
- 70 marks
- 16.7% of GCSE

Triple Assessment:

There are six papers*: two biology, two chemistry and two physics. Each of the papers will assess knowledge and understanding from distinct topic areas. At the end of the course three GCSE grades will be awarded, one for each science.

Students can vary their tier of entry between the different sciences but not between papers for the same science.

Each paper comprises:

- Written exam: 1 hour 45 minutes
- Foundation or Higher Tier
- 100 marks
- 50% of GCSE

More information on the specifications and assessments for GCSE science (Triple and Trilogy) can be found on the AQA website at <https://www.aqa.org.uk/subjects/science/gcse>

*Breakdown of subject-specific content on each assessment paper (Triple and Combined Science):

Biology		Chemistry		Physics	
Paper 1	Paper 2	Paper 1	Paper 2	Paper 1	Paper 2
Cell Biology	Homeostasis and Response	Atomic Structure and the Periodic Table	The Rate and Extent of Chemical Change	Energy	Forces
Organisation	Inheritance, Variation and Evolution	Bonding, Structure and the Properties of Matter	Organic Chemistry	Electricity	Waves
Infections and Response	Ecology	Quantitative Chemistry	Chemical Analysis	Particle Model of Matter	Magnetism and Electromagnetism

Bioenergetics		Chemical Changes	Chemistry of the Atmosphere	Atomic Structure	Space (Triple only)
		Energy Changes	Using Resources		