

Science – Year 11 Revision Guidance for students and parents

Course Details

- Combined Science students are studying the AQA Combined Science Trilogy course (component code 8464)
<https://www.aqa.org.uk/subjects/science/gcse/science-8464/specification>
- Triple Science students are studying:
 - AQA Biology course (component code 8461)
<https://www.aqa.org.uk/subjects/biology/gcse/biology-8461/specification>
 - AQA Chemistry course (component code 8462)
<https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/specification>
 - AQA Physics course (component code 8463)
<https://www.aqa.org.uk/subjects/physics/gcse/physics-8463/specification>
- ALL students will sit **six** GCSE Science exam papers in the Summer exams: 2x biology, 2x chemistry, 2x physics.
- Each Combined Science paper is out of 70 marks and lasts 1 hr 15 mins.
- Each Triple Science paper is out of 100 marks and lasts 1 hr 45 mins.

Important Dates to remember

Ashby School Trial 2 Science exams:

Subject	Date of Trial 2 exam	Topics examinable on Trial 2 paper
Biology	Feb/March 2026 (more detail to follow)	Homeostasis and response; Inheritance, variation and evolution; Ecology
Chemistry	Feb/March 2026 (more detail to follow)	The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; Using resources
Physics	Feb/March 2026 (more detail to follow)	Forces; Waves; Magnetism and electromagnetism (and Space – Triple only)

Summer 2026 GCSE Science Exams:

Subject	Date of GCSE exam	Topics
Biology	<u>Paper 1:</u> 12 th May 2026 <u>Paper 2:</u> 8 th June 2026	<u>Paper 1:</u> Cell Biology; Organisation; Infection and response; and Bioenergetics <u>Paper 2:</u> Homeostasis and response; Inheritance, variation and evolution; and Ecology.
Chemistry	<u>Paper 1:</u> 18 th May 2026 <u>Paper 2:</u> 12 th June 2026	<u>Paper 1:</u> Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes <u>Paper 2:</u> The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.
Physics	<u>Paper 1:</u> 2 nd June 2026 <u>Paper 2:</u> 15 th June 2026	<u>Paper 1:</u> Energy; Electricity; Particle model of matter; and Atomic structure <u>Paper 2:</u> Forces; Waves; Magnetism and electromagnetism (and Space – Triple only)

Science Revision Sessions: Every WEDNESDAY 3:15pm – 4pm in room S1:

Winter Term Revision Sessions:

- Wed 12th Nov: Photosynthesis (Biology)
- Wed 19th Nov: Resultant Forces (Physics)
- Wed 26th Nov: Circulation (Biology)
- Wed 3rd Dec: Bonding & Structure (Chemistry)
- Wed 10th Dec: Efficiency & Mains Electricity (Physics)

Spring Term Revision Sessions:

- Wed 7th Jan: Cell Transport (Biology)
- Wed 14th Jan: Atomic Structure & Isotopes (Physics)
- Wed 21st Jan: Organic Chemistry (Chemistry)
- Wed 28th Jan: Particle Model of Matter (Physics)
- Wed 4th Feb: Electrolysis (Chemistry)

Summer Term Revision Sessions:

- Wed 25th Feb: Rates & Equilibrium (Chemistry)
- Wed 4th March: Respiration (Biology)
- Wed 11th March: Chemical Changes (Chemistry)
- Wed 18th March: Enzymes (Biology)

Online Revision Resources:

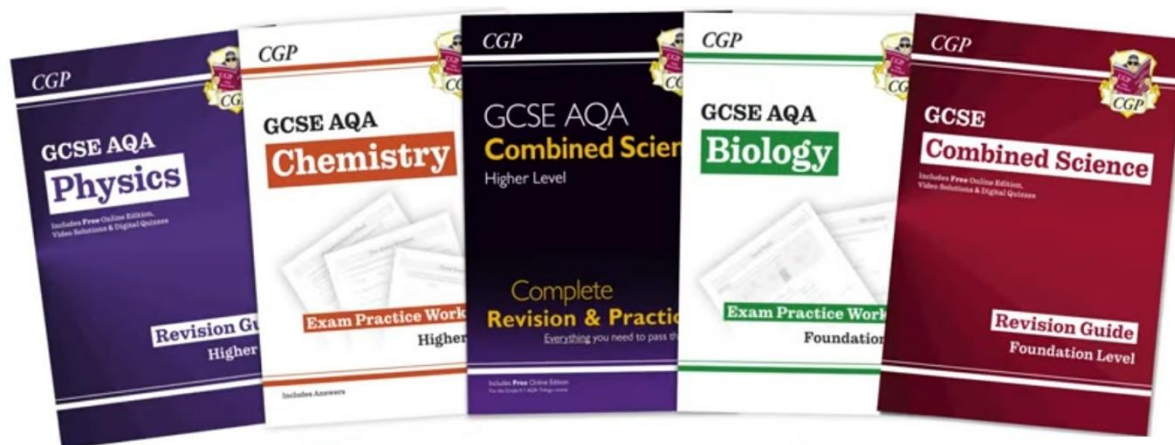
Ashby Core 4 Revision Techniques	https://www.ashbyschool.org.uk/wp-content/uploads/sites/14/2025/08/Ashby-Core-4-Booklet-to-print.pdf
BBC Bitesize	AQA Triple Science Biology: https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7 AQA Triple Science Chemistry: https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb AQA Triple Science Physics: https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm AQA Combined Science: https://www.bbc.co.uk/bitesize/examspecs/z8r997h
Free Science Lessons (videos)	https://www.freesciencelessons.co.uk/gcse-revision-videos/
Cognito Edu	https://cognitoedu.org/home

CGP 10 Minute Tests	https://www.cgpbooks.co.uk/resources/free-gcse-science-10-minute-tests?srsId=AfmBOoprW5mFcr0LcWXmJK-yahUI0jAmRC0JjUZf6xhdx0WeTKdWQqlR
Save My Exams	https://www.savemyexams.com/gcse/

Revision Guides

CGP

https://www.cgpbooks.co.uk/secondary-books/gcse/gcse-science-aqa?srsId=AfmBOoqlNGSl5U7O-CC_kXeDC1tjZadNyRONaipvYxm60KkIK8X1QWVJ



AQA Science Past Papers

Be sure to select the correct tier of exam (foundation or higher)

- Combined Science:

<https://www.aqa.org.uk/subjects/science/gcse/science-8464/assessment-resources>

- Triple Science Biology:

<https://www.aqa.org.uk/subjects/biology/gcse/biology-8461/assessment-resources>

- Triple Science Chemistry:

<https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/assessment-resources>

- Triple Science Physics:

<https://www.aqa.org.uk/subjects/physics/gcse/physics-8463/assessment-resources>