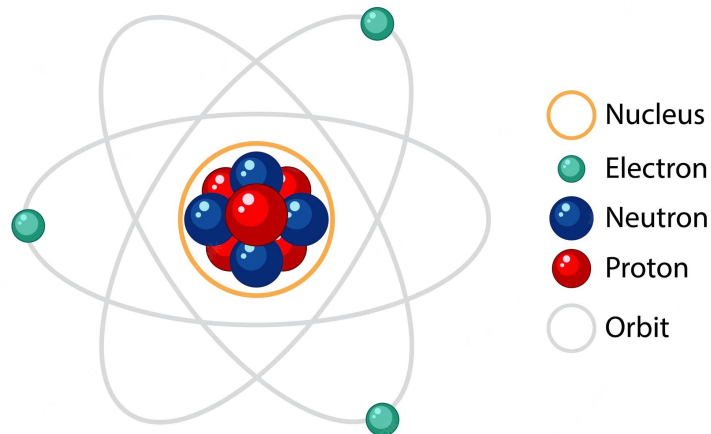


How to Revise for Science Exams Key Information

ATOM STRUCTURE



Which Course is Your Child Studying?

Exam board: **AQA**

Course:

Combined Science Trilogy

OR

Separate Sciences: **Biology**

Chemistry

Physics

Which Exams Will Your Child Sit?

6 exams:

B1 – Tuesday 12th May 2026 (pm)

C1 – Monday 18th May 2026 (am)

P1 – Tuesday 2nd June 2026 (am)

B2 – Monday 8th June 2026 (am)

C2 – Friday 12th June 2026 (am)

P2 – Monday 15th June 2026 (am)

What is Assessed?

B1 – Cell Biology, Organisation, Infection and Response, Bioenergetics

C1 – Atomic Structure and PT; Bonding, Structure and Properties of Matter; Quantitative Chemistry, Chemical Changes, Energy Changes.

P1 – Energy, Electricity, Particle Model of Matter, Atomic Structure

B2 – Homeostasis, Inheritance, Variation and Evolution, Ecology

C2 – The rate and extent of chemical change, Organic Chemistry, Chemical Analysis, Chemistry of the Atmosphere, Using Resources

P2 – Forces, Waves, Magnetism and Electromagnetism. Physics GCSE only – Space Physics

Exam Inserts

- In 2026 students will be provided with the full equation list in their Physics exams.
- Students will be provided with a periodic table in their Chemistry exams.

What to Expect in the Exams

GCSE Combined Science Trilogy

- 6 exams
- Each exam is 1 hour and 15 minutes
- 70 marks
- B1, C1, P1, B2, C2, P2
- Specific set topics per exam and then some cross over between paper 1 and 2.
- Each exam is worth 16.7% of the overall qualification which is 2 GCSEs

GCSE Biology, Chemistry, Physics

- 2 exams per GCSE (6 in total)
- Each exam is 1 hour and 45 minutes
- 100 marks
- B1, C1, P1, B2, C2, P2
- Specific set topics per exam and then some cross over between paper 1 and 2.
- Each exam is worth 50% of the overall qualification which is 1 GCSE per subject (3 in total)

What Questions Can I Expect?

- Multiple choice, structured, closed short answer and open response
- Working Scientifically
- Subject content
- Use of apparatus and techniques
- Mathematical requirements
- **Required Practical Activities**

How to Revise in Science

- Do a timetable of revision to make sure you cover all the topics.
- Revise the knowledge first – what can you remember?
- When you feel confident – can you answer exam questions?
- ALWAYS use the mark schemes – they show us the key words and phrases you must write in the exam

Types of Revision

- Quizzes set on satchel one, GCSE Bitesize, Seneca, GCSE Pod, etc.
- Memory activities – notes, post its, mind maps, ‘read, cover, write, check’. Memorise model answers as well as key terminology/key facts.
- Use of the specification for the key terminology
- Use of revision guide or revision websites
- Use of exam questions and mark schemes (sharepoint and AQA website)
- Learn maths skills – Calculations (ESCRU) and Graphs (SLAP UK)
- RPAs (Required practicals) – memorise methods, do you know the names of equipment and what it is used for?

Accessing Websites

- GCSE Bitesize Science – make sure you choose the right exam board and course
- GCSE Pod – Different pods (videos) for the topic areas and quizzes linked to the pods
- Seneca Learning – videos, notes and quizzes
- Freesciencelessons.co.uk – video clips for revision
- CGP codes (found in the front of your revision guides)
- AQA Past Papers
- Physicsandmathstutor.com – revision notes, mindmaps, flashcards, past papers, mark schemes

Resources your child could use:

- Revision guide and workbook
- Knowledge organiser and retriever
- Flash cards
- Online resources

- **Their actual books/booklets ...**

Using Exam Questions and Mark schemes

- Pick a topic
- Revise the key knowledge
- See if you can answer the exam questions
- Use the mark scheme to find the answers you didn't know and then add this information to your revision notes/maps
- Have another go at the sections you couldn't do
- Graphs and 6-mark questions – see your Science teacher to mark.

Finding Exam Questions and Mark Schemes

- There are some in sharepoint – the independent study area.
- Type in google AQA Past Papers
- <https://www.aqa.org.uk/find-past-papers-and-mark-schemes>
- Select Science/GCSE/
- For Separate Science Bio/Chem/Phys
- Or Combined Science Trilogy
- H or F tier
- Select and exam and mark scheme for the unit you are revising

Types of Exam Questions

- **A01** – Demonstrate knowledge and understanding of: scientific ideas, techniques and procedures
- **A02** – Apply knowledge and understanding of scientific ideas, scientific enquiry, techniques and procedures
- **A03** – Analyse information and ideas to: interpret, evaluate, make judgements and draw conclusions, develop and improve experimental procedures

Understanding Questions – Command Words

Describe – state **fact** (similar- **Give/State**)

Explain – reasons **why**

Compare – Make linked points about both things. Use comparative language (more, less, **-er**)

Evaluate -Make several **linked points** using your own knowledge **AND** make a **judgement/decision** (conclusion) and justify it.

Calculate – it's very important the **process** is followed, and all **working is shown**.

Maths Skills – On every paper
You MUST have a scientific calculator

Calculations

E – Equation

S – Substitute

C – Conversion

R – Rearrange

U – Units (double
check s.f. and
standard form too)

Graphs

S – Scale

L – Line of best fit

A – Axis (titles/units)

P – Points (small x)

U – Units

K – Key (not always
needed)

Year 11 Core Examination Support Event

Thank-you for attending tonight's event.
Please scan the QR code to fill in a quick survey. Your feedback is important to us.



FRED LONGWORTH
HIGH SCHOOL



AQA 