

AQA Biology (Combined & Triple)

Exam Structure

At Rossett students follow the **Triple or Combined Science AQA course**. In this course students will sit **two written exams** for each subject. For triple students this is **100 marks** and **1 hour and 45 minutes** for Combined Science students this is **75 marks** and **1 hour and 15 minutes**. The exam specification can be found below:

<https://www.aqa.org.uk/subjects/biology/gcse/biology-8461/specification/specification-at-a-glance> (Triple)

<https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF> (Combined)

Paper 1

- **Topic 1: Cell Biology**
- **Topic 2: Organisation**
- **Topic 3: Infection and response**
- **Topic 4: Bioenergetics**

Paper 2

- **Topic 5: Homeostasis and response**
- **Topic 6: Inheritance variation and evolution**
- **Topic 7: Ecology**

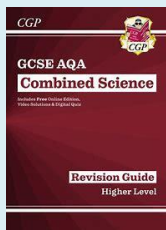
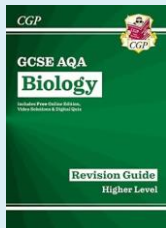
Command words

<https://www.aqa.org.uk/resources/science/gcse/teach/command-words>

Knowledge to Learn

Prioritise which topic you are going to revise. Use your exam specification or topic **checklists** to help you.

Use the [Knowledge Organisers](#) and your **revision guide** to try to **memorise this material**. Use strategies like **read, cover, write check, brain dumps and making flash cards/ mind maps** as part of this process.



Self Quizzing Materials

Self test using **low stakes testing** to see if you have retained this information. This could include using **flash cards plus practicing some topic based exam questions and self assess** your answers using the mark scheme.

Topic Based questions/Mark schemes/Flash cards

<https://www.physicsandmathstutor.com/biology-revision/gcse-aqa/>

Flash Cards (Join this class)

<https://quizlet.com/join/fXPXMsCG7>

Scan the **QR code on your glossary sheets** to test yourself, using Quizlet, on the key vocabulary from each topic.

Exam Paper Practice

Once you have revised all of Paper 1 or Paper 2 content you now need to practice a full paper under timed conditions.

<https://www.physicsandmathstutor.com/past-papers/gcse-biology/>

[AQA | GCSE | Biology | Assessment resources](#)

Summary Videos

[Paper 1 summary video](#)

[Paper 2 summary video](#)

[Science Shorts Video Summary](#)

Explanations and support

These links will take you to videos from FreeScienceLessons. This will help you with the content if you are unsure of any of the content.

GCSE Paper 1

[\(22\) Freesciencelessons – YouTube](#)

GCSE Paper 2

[\(22\) Freesciencelessons - YouTube](#)

Other useful revision sites

<https://www.bbc.co.uk/bitesize/exams/pecs/zpgcbk7> (BBC Bitesize)

AQA Chemistry (Combined & Triple)

Exam Structure

Students follow the **Triple or Combined Science AQA course**. In this course students will sit **two written exams** for each subject. For triple students this is **100 marks** and **1 hour and 45 minutes** for Combined Science students this is **75 marks** and **1 hour and 15 minutes**. The exam specification can be found here:

<https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/specification/specification-at-a-glance>

(Triple) <https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF> (Combined)

Paper 1

- 1. Atomic structure and the periodic table
- 2. Bonding, structure, and the properties of matter
- 3. Quantitative chemistry
- 4. Chemical changes
- 5. Energy changes

Paper 2

- 6. The rate and extent of chemical change
- 7. Organic chemistry
- 8. Chemical analysis
- 9. Chemistry of the atmosphere
- 10. Using resources

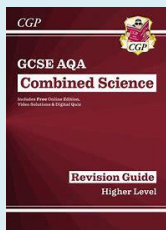
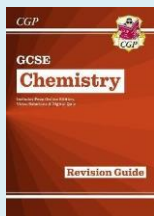
Command words

<https://www.aqa.org.uk/resources/science/gcse/teach/command-words>

Knowledge to Learn

Prioritise which topic you are going to revise starting with your weakest topics first. Use your exam specification or topic **checklists** to help you.

Use your **revision guide** to try to **memorise this material**. Use strategies like **read, cover, write check, brain dumps and making flash cards/ mind. maps** as part of this process.



Self Quizzing Materials

Scan the **QR code on your glossary sheets** to test yourself, using Quizlet, on the key vocabulary from each topic.

Self test using **low stakes testing** to see if you have retained this information. This could include using **flash cards plus practicing some topic based exam questions and self assess** your answers using the mark schemes found here.

<https://www.physicsandmathstutor.com/chemistry-revision/gcse-aqa/>

Exam Paper Practice

Once you have revised all of Paper 1 or Paper 2 content you now need to practice a full paper under timed conditions.

<https://www.physicsandmathstutor.com/past-papers/gcse-chemistry/>

[AQA | GCSE | Chemistry | Assessment resources](#)

Summary Videos

[The Whole of AQA GCSE Chemistry Paper 1 | 22nd May 2023 – YouTube](#)

[The Whole of AQA GCSE Chemistry Paper 2 | 13th June 2023 - YouTube](#)

Topic Explanations and support

These links will take you to videos from FreeSciencelessons. This will help you with the content if you are unsure of any of the content.

GCSE Paper 1

[FreeSciencelessons – YouTube](#)

GCSE Paper 2

[FreeSciencelessons - YouTube](#)

Other useful revision sites

[GCSE Chemistry \(Single Science\) - AQA - BBC Bitesize](#) (BBC Bitesize)

AQA Physics (Combined & Triple)

Exam Structure

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<https://www.aqa.org.uk/subjects/physics/gcse/physics-8463/specification/specification-at-a-glance>

(Triple) <https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF> (Combined)

Paper 1

- 1. Energy
- 2. Electricity
- 3. Particle model of matter
- 4. Atomic structure

Paper 2

- 5. Forces
- 6. Waves
- 7. Magnetism and electromagnetism
- 8. Space physics (physics only)

Exam Paper Practice

Once you have revised all of Paper 1 or Paper 2 content you now need to practice a full paper under timed conditions.

<https://www.physicsandmathstutor.com/past-papers/gcse-physics/>

[AQA | GCSE | Physics | Assessment resources](#)

Summary Videos

[The Whole of AQA GCSE Physics Paper 1 | 25th May 2023 – YouTube](#)

[The Whole of AQA GCSE Physics Paper 2 | 16th June 2023 - YouTube](#)

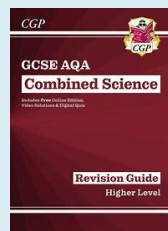
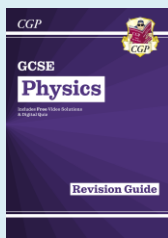
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Knowledge to Learn

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GCSE Paper 2

[FreeSciencelessons - YouTube](#)

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