





## How to improve your Science grade—use a combination of the following—the magnificent 7!

	What can you do	What is it?	How to get it
1		SENECA—contains lots of questions testing your knowledge and understanding	Download the free app and sign up yourself.
2		GCSE pod—contains many short videos specific to your specification and course	School have provided you with your own log in details
3		All content is on BBC bitesize with videos, quizzes and exam questions. There is also an app available for your phone or tablet.	Go online and search 'BBC bitesize'. Make sure you click on the correct course (see overleaf)
4		Quizlet—App for making flash cards. You can also search for existing cards.	Go online and search 'quizlet'
5		Kerboodle—an online resource that contains a copy of textbooks, as well as lots of different activities and questions to test your knowledge and understanding	Go online and search 'kerboodle' Username: start of your school e-mail Password: set by you Institution code: hh6
6		23 equations—app with questions and quizzes around each of the equations you need to know for your physics papers.	Go online and search '23 equations app'
7		Revision guides—Use your revision guide the old fashioned way! <ul style="list-style-type: none"> <li>• Make flashcards/revision clocks and test yourself or get someone else to test you</li> <li>• Do the exam questions and mark them</li> <li>• Cornell notes/condense your notes and see how much you can remember by doing "look, cover, write, check"</li> <li>• <b>Reading through your revision guide is NOT revision</b></li> </ul>	This is the revision guide we recommend

## GCSE Science (Trilogy)

Your son/daughter is completing the AQA Combined Science Trilogy award, which awards them 2 GCSE grades. In total they will have 6 exam papers to complete. The dates for each of the exams can be found below.

- **Biology Paper 1 - 13 May 2025 pm** (Biology topics 1-4: Cell Biology; Organisation; Infection and response; and Bioenergetics)
- **Biology Paper 2 - 09 June 2025 pm** (Biology topics 5-7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.
- **Chemistry Paper 1 - 19 May 2025 am** (Chemistry topics 1-5: Atomic structure and the periodic table; Bonding, structure and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes)
- **Chemistry Paper 2 - 13 June 2025 am** (Chemistry topics 6-10: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry and the atmosphere; and Using resources)
- **Physics Paper 1 - 22 May 2025 am** (Physics topics 1-4: Energy; Electricity; Particle model of matter; and Atomic structure)
- **Physics Paper 2 - 16 June 2025 am** (Physics topics 5-7: Forces; Waves; and Magnetism and electromagnetism)

Each exam paper is 1 hour 15 minutes long and comprises of 70 marks made up of multiple choice, structured, closed short answer and open response questions. Each exam paper is evenly weighted and makes up 16.7% of the final GCSE grade.

### Homework Expectations

As part of their homework your son/daughter will be given a homework booklet comprising of exam questions. The exam questions will be grouped into topics and aimed at the correct tier of paper, to help aid their revision. For each homework booklet students complete the following:

- 1) Use their revision guide to help answer all the questions in the booklet
- 2) In green pen, using the mark scheme attached to class charts, mark their work correcting any mistakes as they go along
- 3) Create a revision resource based on areas of knowledge that they got wrong

Full detailed instructions are included on the front of each homework booklet.

All completed homework booklets must be brought to the lesson the homework is due, where students will also complete a short low stakes quiz to check their understanding from the homework questions/topic.

Kerboodle homework will also be set which uses AI technology to identify weaker areas of understanding.



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2		GCSE pod—contains many short videos specific to your specification and course	School have provided you with your own log in details
3		All content is on BBC bitesize with videos, quizzes and exam questions. There is also an app available for your phone or tablet.	Go online and search 'BBC bitesize'. Make sure you click on the correct course (see overleaf)
4		Quizlet—App for making flash cards. You can also search for existing cards.	Go online and search 'quizlet'
5		Kerboodle—an online resource that contains a copy of textbooks as well as lots of different activities and questions to test your knowledge and understanding	Go online and search 'kerboodle' Username: start of your school e-mail Password: same as your user name Institution code: hh6
6		23 equations—app with questions and quizzes around each of the equations you need to know for your physics papers.	Go online and search '23 equations app'
7		Revision guides—Use your revision guide the old fashioned way! <ul style="list-style-type: none"> <li>• Make flashcards/revision clocks and test yourself or get someone else to test you</li> <li>• Do the exam questions and mark them</li> <li>• Cornell notes/condense your notes and see how much you can remember by doing "look, cover, write, check"</li> <li>• <b>Reading through your revision guide is NOT revision</b></li> </ul>	This is the revision guide we recommend—you would need one for each science discipline

## GCSE Science (Triple)

Your son/daughter is completing the AQA Triple Science award, which awards them 3 GCSE grades. In total they will have 6 exam papers to complete. The dates for each of the exams can be found below.

- **Biology Paper 1 - 13 May 2025 pm** (Biology topics 1-4: Cell Biology; Organisation; Infection and response; and Bioenergetics)
- **Biology Paper 2 - 09 June 2025 pm** (Biology topics 5-7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.)
- **Chemistry Paper 1 - 19 May 2025 am** (Chemistry topics 1-5: Atomic structure and the periodic table; Bonding, structure and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes)
- **Chemistry Paper 2 - 13 June 2025 am** (Chemistry topics 6-10: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry and the atmosphere; and Using resources)
- **Physics Paper 1 - 22 May 2025 am** (Physics topics 1-4: Energy; Electricity; Particle model of matter; and Atomic structure)
- **Physics Paper 2 - 16 June 2025 am** (Physics topics 5-8: Forces; Waves; Magnetism and electromagnetism; and Space and physics)

Each exam paper is 1 hour 45 minutes long and comprises of 100 marks made up of multiple choice, structured, closed short answer and open response questions. Each exam paper is evenly weighted and makes up 50% of the final GCSE grade.

### Homework Expectations

As part of their homework your son/daughter will be given a homework booklet from each science specialism comprising of exam questions. The exam questions will be grouped into topics and aimed at the correct tier of paper, to help aid their revision. For each homework booklet students complete the following:

- 1) Use their revision guide to help answer all the questions in the booklet
- 2) In green pen, using the mark scheme attached to class charts, mark their work correcting any mistakes as they go along
- 3) Create a revision resource based on areas of knowledge that they got wrong

Full detailed instructions are included on the front of each homework booklet.

All completed homework booklets must be brought to the lesson the homework is due, where students will also complete a short low stakes quiz to check their understanding from the homework questions/topic.

Kerboodle homework will also be set which uses AI technology to identify weaker areas of understanding.

