

Empowered to Succeed

Focus of the week: Make the Grade

Subject revision on a page documents can be found on the school website at ashbyschool.co.uk/revision.

These sheets contain details on exam dates, exam boards and give useful information about revision topics and websites and apps that students can use.

Ashby School Science on a page

Separate Sciences (Triple)

Exam Board: AQA

Subject	Exam Date	Exam Date	
Biology 1	13th May	Biology 2	9th June
Chemistry 1	19th May	Chemistry 2	13th June
Physics 1	22nd May	Physics 2	16th June


Revision Resources Available

- Revision guides and workbooks (e.g. CGP GCSE Combined Science Revision Guide with higher and foundation versions available)
- BBC Bitesize website <https://www.bbc.co.uk/bitesize> (revision videos, summary guides, quizzes and past exam questions)
- Free Science lessons revision videos <https://www.freesciencelessons.co.uk/>
- Physics and Maths tutor <https://www.physicsandmathstutor.com/> and student shared drive (past exam questions)
- Revision apps (e.g. Seneca - all students have an account)

Exam Papers and Content:

Paper	Duration	Content
Paper 1 Biology	1hr 45 min	Cell Biology; Organisation; Infection and Response; and Bioenergetics
Paper 2 Biology	1hr 45 min	Homeostasis and response; Inheritance, variation and evolution; and Ecology
Paper 1 Chemistry	1hr 45 min	Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.
Paper 2 Chemistry	1hr 45 min	The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources
Paper 1 Physics	1hr 45 min	Energy; Electricity; Particle model of matter; and Atomic structure
Paper 2 Physics	1hr 45 min	Forces; Waves; and Magnetism and electromagnetism; and Space physics

Additional Notes:



Science Faculty
Separate Sciences

Ashby School Geography on a page

... (in the Human Environment) — Wednesday 14th May 2025.
Paper 3 (Geographical applications) - Friday 6th June 2025
Paper 3 (Geographical applications) - Thursday 12th June 2025

Revision Resources Available

The best revision resources for GCSE Geography are (in this order):

1. Student books and booklets.
2. GCSE Pod - full of pods, quizzes and excellent visual resources.
3. The department will release revision material closer to the exam dates.

Exam Papers and Content:

Paper 1 : Living with the Physical Environment


- Natural hazards (Tectonics, tropical storms, climate change);
- The Living World (Ecosystems and biomes);
- UK landscapes (Coasts and rivers).

Paper 2: Challenges in the Human Environment

- Urban Issues and Challenges (Birmingham and Rio);
- The Changing Economic World (Nigeria and the UK);
- The Challenge of Resource Management.

Paper 3: Geographical Applications

- Pre release material - Issue Evaluation;
- Fieldwork.



Humanities Faculty

THE ONE ABOUT RETRIEVAL PRACTICE

@inner_drive | www.innerdrive.co.uk

THE STUDY

Researchers studied the impact of different study strategies on how much students learn. One such strategy is retrieval practice, sometimes referred to as the Testing Effect, which describes the act of having to come up with an answer to a question.

They tested how effective this strategy was compared to simply reading and re-reading key passages. As well as comparing final test scores, they also measured how effective the students thought these strategies were and how interesting they found their revision sessions whilst doing them.

THE MAIN FINDINGS

1 If the final test was 2-7 days away, students who had **one study period followed by a session of retrieval practice** did at least **30% better** than those who had done two study periods of reading.

2 The longer you need to remember information, the **more powerful** the "Testing Effect" is.

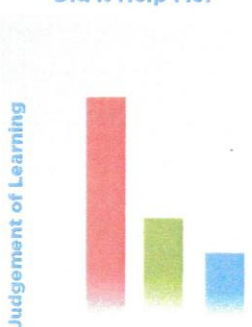
3 The longer you need to remember information for, the **less effective** reading is.



Final Exam Performance



"Did it Help Me?"



4 Students were most likely to rate re-reading as being **more effective** than retrieval practice. However, the students who used mainly retrieval practice **remembered over 50% more** than those who had just read and re-read during revision.

5 Students who had revised using retrieval practice found it **more interesting** than those who had just read the material.



Science Trilogy Subject information



Triple Science Subject information

Date	Subject and topic	Afterschool session	Revision resources
Tuesday 28th January	Chemistry – periodic table/structure and bonding	LMA - S4	<p>CGP revision guide pages 96-111 and pages 113-122 (foundation tier book), pages 96-110 and pages 112-122 (higher tier book), pages 12-27 and pages 28-40 (triple chemistry book).</p> <p>BBC Bitesize: https://www.bbc.co.uk/bitesize/guides/zwt2k2p/revision/1 https://www.bbc.co.uk/bitesize/topics/z33rrwx </p> <p>Videos: https://www.youtube.com/watch?v=nUzOxy9VK0&list=PL9IouNCPbCxULWXC09jt0PsuAbxYpw2_1 https://www.youtube.com/playlist?list=PL9IouNCPbCxXmFgiKM60SgIh-qOG_vIE </p>
Tuesday 11 th February	Biology – Circulatory system	CCL - S5	<p>CGP revision guide pages 30 to 34 (foundation tier book), pages 31 to 35 (higher tier book), pages 34 to 38 (triple Biology)</p> <p>BBC bitesize: https://www.bbc.co.uk/bitesize/guides/zqnsrwx/revision/1 </p> <p>Free science lessons videos: https://www.youtube.com/playlist?list=PL9IouNCPbCxXGdt3ATU1xM_X_F8JghPCB select videos 7 to 10 </p>
Tuesday 4 th March	Physics – Electricity and particle model	SOA - S6	<p>CGP revision guide pages 180 – 192 and pages 193 – 196 (foundation tier book), pages 79 – 190 and pages 191 – 194 (higher tier book), pages 24 – 36 and pages 38 – 41 (triple physics book).</p> <p>BBC Bitesize: Everyone https://www.bbc.co.uk/bitesize/guides/zgvq4qt/revision/1 https://www.bbc.co.uk/bitesize/guides/zw8n2nb/revision/1 https://www.bbc.co.uk/bitesize/topics/zxsh2nb Triple only https://www.bbc.co.uk/bitesize/guides/z9s4qhv/revision/1 </p> <p>Videos: https://www.youtube.com/watch?v=CEBfn4ndQWI&list=PL9IouNCPbCxXc2NQoIZN7-3jIKN7vW-Sq https://www.youtube.com/watch?v=EZmXVOSa20&list=PL9IouNCPbCxWdHszkb6n6503ommOpg_t7 </p>

Date	Subject and topic	Afterschool session	Revision resources
Tuesday 18th March	Chemistry – chemical changes	AMO – S4	<p>CGP revision guide pages 128 - 136 (foundation tier book), pages 129-137 (higher tier book), pages 51- 60 (triple chemistry book).</p> <p>BBC Bitesize: https://www.bbc.co.uk/bitesize/topics/zt6ppbk</p> <p>Video: https://www.youtube.com/playlist?list=PL9IouNCPbCxXDlRtCQEG0cGehBvJ7t9Pf</p>
Tuesday 1 st April	Biology - Bioenergetics	CCL – S5	<p>Revision guide P50 to 55 (foundation tier), P51 to 56 (higher tier), P57 to 63 (triple science).</p> <p>BBC bitesize https://www.bbc.co.uk/bitesize/guides/zg8nrwx/revision/1 and https://www.bbc.co.uk/bitesize/guides/zc1y97h/revision/1</p> <p>Free science lessons videos: https://www.youtube.com/playlist?list=PL9IouNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz watch all videos</p>

GCSE Afterschool Revision 27th – 31st Jan

School Day	Monday Day 6	Tuesday Day 7	Wednesday Day 8	Thursday Day 9	Friday Day 10
Subject	Design and Technology	Design and Technology	Design and Technology	Private Study	Private Study
Room / information	RM and Graphics NEA in D5 with Mr Evans Engineering NEA in D7 with Mr Cooper Textiles NEA in D3 with Mrs Sheldon	RM and Graphics NEA in D5 with Mr Evans Food NEA in D2 with Mrs Taylor	RM and Graphics NEA in D5 with Mr Evans Engineering NEA in D7 with Mr Cooper and D9 with Mr Bagley		
Subject	English	Science	Maths		
Room / information	In E6 and E7 with English teachers	Chemistry – periodic table/structure and bonding in S4 with Mr Mason	In M4 with Mr Blatherwick		
Subject	Geography				
Room / information	In H1 with Mr Griggs In H2 with Mr Cornell				
Subject	French				
Room / information	in L2 with Mr Fitzpatrick				
Subject	PE				
Room / information	NEA support in PE1				