

Science Department Revision Newsletter

February 2026

Dear Learners and Parents,

Welcome to our last revision newsletter of this half term. This is a **big one**, with some ideas about how to prepare for your mocks and ensure you meet your targets.

First, a reminder about our GCSE Science revision morning on:

Monday, 16 February

There will be 3 sessions running covering some challenging topics and required practical questions for Paper 2. The session will cover **Physics** with Mr Johnson, **Chemistry** with Mr Pollock and **Biology** with me. You can sign up for the session via Microsoft Forms. The link has been shared via socials and email, or you can email me direct. Link to the form is below:

<https://forms.office.com/e/GeJFux4kvH?origin=IprLink>

Mock Exams

The Science mock exams will cover Paper 2 topics for both Combined and Triple Scientists. The topics are listed below with a link to a video playlist for each - Triple only content is clearly highlighted in the video titles.

Don't forget all students are encouraged to attend revision sessions:

Monday Chemistry after school with Mr Pollock

Wednesday Physics at lunchtime with Mr Johnson

Friday Biology after school with Mr Cox

Making It Stick

We have learned a range of revision strategies in class, including flashcards, Cornell Note taking and mind maps. We suggest trying the Cornell Note taking strategy to make notes during the videos, then use flashcards to capture your questions and mindmaps to reduce your notes down to a useful visual resource.

Whatever you choose - do not simply watch videos or read notes passively. Keep it active and use your knowledge to keep those neurones firing!

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Other Resources

You have all been given a checklist with all topics for the GCSE exams which details all the knowledge you need to know. Your book is your greatest resource, it contains everything you have learned. Look after it and use it well!

Don't forget to ask your teachers if you need any help - we are here for you and we want you to succeed!

Have a great half term week, I hope to see as many of you as we can on Monday for the revision sessions and good luck, we wish you all the very best in the mock exams!

Mr Cox

Director of Learning for Science

Biology

Homeostasis & Response: [AQA GCSE Biology Paper 2 Homeostasis - YouTube](#)



Variation, Inheritance and Evolution: [AQA GCSE Biology Paper 2 Variation and Evolution - YouTube](#)



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Ecology: [AQA GCSE Biology Paper 2 Ecology - YouTube](#)



Competition and
Interdependence

GCSE Biology

Chemistry

Rates of Reaction and Equilibrium: [AQA GCSE Chemistry Paper 2 Rates of Reaction - YouTube](#)



Mean Rate
of Reaction

GCSE Chemistry

Organic Chemistry: [GCSE Chemistry Revision "Crude oil and Hydrocarbons"](#)



Crude Oil and
Hydrocarbons

GCSE Chemistry

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Chemical Analysis: [GCSE Chemistry Revision "Purity and Formulations"](#)



Chemistry of the Atmosphere: [GCSE Chemistry Revision "The Atmosphere"](#)



Using Resources: [GCSE Chemistry Revision "Using the Earth's Resources"](#)



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Physics

Forces: [GCSE Physics Revision "Scalar and Vector Quantities"](#)

Contact and Non-Contact Forces

GCSE Physics



Waves: [GCSE Physics Revision "Transverse and Longitudinal Waves"](#)

Transverse and Longitudinal Waves

GCSE Physics



Magnetism and Electromagnetism: [GCSE Physics Revision "Permanent and Induced Magnets"](#)

Permanent and Induced Magnets

GCSE Physics



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Space (Triple only): [GCSE Physics Revision "The Solar System" \(Triple\)](#)



You can find revision resources, including knowledge organisers, mindmaps and methods for all required practicals that you need to know about in [students out/ Science/ Keystage 4/ GCSE SCIENCE REVISION](#)