



26 March 2025

Dear Parent/Carer,

Revision and preparation for the GCSE Science Exams

I am writing to you to set out what effective revision strategies your child should be using in preparation for their science GCSE exams in the summer, and what you can do to support them with this.

1. Firstly, it is important that your child has prepared a detailed revision timetable, which will ensure sufficient coverage not only of each subject, but of each of the topics from within each subject. This timetable should be in place by now, so that your child is prepared to make the best use of their time in the Easter holiday. You can support your child by reviewing the timetable with them and making sure that it is detailed. Here is an example of what the timetable might look like:

Time	Monday	Tuesday	Wednesday
9am	Chemistry - Mole calculations	Biology - Mitosis v Meiosis	Physics - properties of resistors
10am	Physics - Hooke's Law	French - perfect tense	Biology - Speciation
11am	Break	Break	Break
11.30am	Maths	Chemistry - titrations	History
12.30pm	History	Maths	
1pm	Lunch		
2pm	Exercise	Trumpet practice	
3pm	English language		

The important thing is that the timetable makes good use of the time but is also realistic to reflect where other regular commitments take place. Further guidance on making a revision timetable can be found here: [Study support - BBC Bitesize](#).

To be effective, revision should be an active process and should not simply involve reading through notes and highlighting details. It is important that your child is now completing practice exam style questions from previous exam papers. We have collated these for our students on the science SharePoint sites. (There are separate SharePoints for Biology, Chemistry and Physics.) Having completed practice questions, your child should check their answers against the mark scheme and use this to identify any

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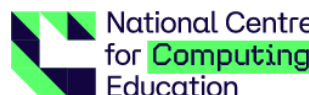
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gaps in knowledge or areas where answers were not detailed enough. This then provides an opportunity to review gaps and make additional notes to address these gaps.

- As well as completing longer answer questions from practice papers, it is a good idea for your child to regularly check their recall of key terms and concepts with warm up questions or flashcards. Good examples of these types of questions can be found in the Oxford Revision guides for AQA GCSE ([GCSE Science Revision - Oxford Revise](#)) and in the CGP flashcards ([Revision Cards and Flashcards | CGP Books](#)). You can help to support with this by asking some of the questions verbally to test your child's recall of key words and concepts together.

What revision and additional support is available at school?

As we near the end of teaching the syllabus, we are moving into a planned series of revision lessons. Here is an overview of these plans:

Biology

Week beginning	Lesson 1	Lesson 2
24 March	B18 finish	B18 finish
31 March	Mock feedback	Mock feedback
Easter holiday		
21 April (Monday and Tuesday no lessons)	Required Practicals Paper 1	Required Practicals Paper 2
28 April	Photosynthesis and respiration	Homeostasis and the eye
5 May (Monday bank holiday)	Immunity and monoclonal antibodies	

Chemistry

Week beginning	Topic
24 Mar	Atomic Structure and Periodic Table
	Bonding
31 Mar	Rates of reaction
	Energetics and Reversible Reactions
21Apr	Bank Holiday and CPD
	Metal Reactions and Titrations
28 Apr	Electrolysis
	Organic Chemistry
5 May	Chemical Analysis
	Molar Calculations

Physics

Week	L1	L2
24 March	Energy P1/2/3	Electricity circuits and electricity in the home P4/5
31 March	Go through mock paper	Go through mock paper
Easter holidays		
21 April	Molecules and Matter and Radioactivity P6/7	Forces and motion P8/9
28 April	Forces and motion P10/11	Waves P12/13/14
5 May	Electromagnets P15	Space P16

In addition to the regular support sessions that have already been taking place throughout the year, we will offer a drop-in support session prior to the GCSE exams at the following times:

	Drop-in session 1	Drop- in session 2
Biology	Monday 12 May, 12pm, B2	Friday 6 June, 2pm, B2
Chemistry	Friday 15 May, 2pm, C4	Thursday 12 June, 2pm, C4
Physics	Tuesday 20 May, 12pm, P17	Friday 13 June, 2pm, P16

Finally, please may I take this opportunity to remind you that the textbooks that have been issued to your child for their science studies will need to be returned to us after the end of the public exams. There will be a book return session immediately after the final exam on Monday 16 June in lab P17.

I hope that you will find this information useful. Should you have any questions, please do not hesitate to contact me at jlebreuilly@newsteadwood.co.uk.

I wish your child every success with their forthcoming GCSE exams.

Yours sincerely

Jocelyn Lebreuilly

Mrs J Lebreuilly
Head of Science