



2 May 2025

Dear Parent/Carer,

## Revision and Preparation for Year 12 Science End of Year Exams

I am writing to you to set out what effective revision strategies your child should be using in preparation for their science exams in June, 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 the time available. You can support them 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
4pm to 5pm	Chemistry - Mole calculations	Biology - Required practical methods	Maths- Statistics
6pm to 7pm	Biology - Cell cycle	Exercise	Biology – Transport across membranes
7pm	Dinner	Dinner	Dinner
7.45pm to 8.30pm	Maths - geometry	Biology - Meiosis	Trumpet practice

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](#)

2. 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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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.

3. 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 ([A Level - Oxford Revise Revision Guides](#)) 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.
4. Oxford University Press publish a series of workbooks to support students with maths in a scientific context. ([Maths Skills for Science - for the latest A Level Biology, Chemistry, Physics and Psychology specifications, plus GCSE Science and GCSE Computer Science.](#)). If your child requires further practice with their calculation questions, these books are very useful, providing worked examples and practice questions.
5. Your child must also revise practical skills and working scientifically methods related to the Required Practicals that have been covered as part of the A level course, because some of the exam questions will relate to this. Resources to specifically support with revision of practical skills are available on the subject SharePoint.
6. To ensure that your child is regularly revisiting their prior learning from the Year 12 course, they will be set work to complete via the Up Learn platform each week. This primarily tests their knowledge recall. Their teachers will be monitoring their completion of these tasks, and you can assist by also checking that your child is keeping up with this work. This will not be the only independent work set, students will also be expected to continue to complete other written work as directed by their teacher. It should also be kept in mind that knowledge recall alone will not be sufficient to achieve a top grade at A level, so it is vitally important that your child is continuing to practise application of their knowledge with past paper questions alongside this online work.

I hope that you will find this information useful to support your child with their end of year exams. Should you have any questions, please do not hesitate to let me know.

Yours sincerely

*Jocelyn Lebreuilly*

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**Head of Science**