



31 March 2025

Dear Parent / Guardian

I am writing to outline the Science examinations taking place this summer and to highlight the revision materials that are available to support your child in their preparations.

To confirm, students will sit **six** science exams in total. An outline of the papers and their contents are as follows:

Subject	Paper 1 content	Exam date	Paper 2 content	Exam date
Biology	Cell Biology	Tuesday, 13 May 2025	Homeostasis & response	Monday, 9 June 2025
	Organisation		Inheritance, variation & evolution	
	Infection & response		Ecology	
	Bioenergetics			
Chemistry	Atomic structure & the periodic table	Monday, 19 May 2025	Rate & extent of chemical change	Friday, 13 June 2025
	Bonding, structure & the properties of matter		Organic chemistry	
	Quantitative chemistry		Chemical analysis	
	Chemical changes		Chemistry of the atmosphere	
	Energy changes		Using resources	
Physics	Energy	Thursday, 22 May 2025	Forces	Monday, 16 June 2025
	Electricity		Waves	
	Particle model of matter		Magnetism & electromagnetism	
	Atomic structure		Space	

Specification in detail:

[Biology](#)

[Chemistry](#)

[Physics](#)

Required practicals:

[Biology RPs](#)

[Chemistry RPs](#)

[Physics RPs](#)

Resource Links

[Google Classroom](#)

Students have been invited into their google classroom by their teacher.

[Sparx account](#)

Description

PLCs (Personalised Learning Checklists) for all topics.
Revision placemats for all topics.
Past paper questions for all topics
Textbook/ revision guide material for all topics.

All students have homework set on Sparx Science over the year. The system has an independent revision option for further support.

[Kerboodle](#)

Students have access to all science textbooks used in science on this site. Students can ask a science teacher to reset their password, if they have forgotten their log in details. The institution code is vc6.



[AQA Practice papers](#)

These are full exam papers for Paper 1 and 2 of the Biology, Chemistry and Physics exams.

[BBC Bitesize](#)

A wide range of revision material and short quizzes to test knowledge.

[Seneca Learning](#)

A wide range of revision questions, covering all three sciences.

[Cognito](#)

Revision materials covering all three sciences

[Free science lessons](#)

Videos covering content in all three sciences

In terms of how to revise and structure revision activities, the following steps can be a useful guide:

1. Complete PLCs (personalized learning checklists) for each topic – available on google classroom and identify areas of weakness to focus revision on.
2. Create flashcards and test yourself – [this video](#) is very helpful.
3. Complete brain dumps and add new knowledge – [this video](#) is very useful.
4. Self-quizzing or tests – these are also available on google classroom, but the principles to make your own tests are found [here](#) (although this talks about a knowledge organizer, this could be done using any page in a student workbook or revision guide).

We hope that this list of resources will help you to support your child with their science studies ahead of their exams. If you require any further assistance, or have questions, please do not hesitate to contact me or any science teacher.

Thank you for your support.

Yours sincerely,



Dr Diriyai
Curriculum Lead for Science
#WeAreMER

