Science

Which exams am I sitting in May/June?

Combined Science students will have six Science GCSE exams in May/June – Biology (Paper 1 and 2), Chemistry (Paper 3 and 4) and Physics (Paper 5 and 6).

Triple Science students will also have six exams in May/June – Biology (Paper 1 and 2), Chemistry (Paper 1 and 2) and Physics (Paper 1 and 2).

What do I need to revise?

The tables below show you all the exams that you will be sitting and which topics each one covers. Look at the contents page in the front of your revision guide to find out where each topic is covered in your revision guide.

Combined Science. Each exam is 1 hour and 10 minutes long and counts for 16.67% of the overall mark.

Exam	Topics it covers
Paper 1 (Biology)	• Key concepts in biology • Cells and control • Genetics • Natural selection and genetic modification • Health, disease and the development of medicines
Paper 2 (Biology)	• Key concepts in biology • Plant structures and their functions • Animal coordination, control and homeostasis • Exchange and transport in animals • Ecosystems and material cycles
Paper 3 (Chemistry)	• Key concepts in chemistry • States of matter and mixtures • Chemical changes • Extracting metals and equilibria
Paper 4 (Chemistry)	• Key concepts in chemistry • Groups in the periodic table • Rates of reaction and energy changes • Fuels and Earth science
Paper 5 (Physics)	• Key concepts of physics • Motion and forces • Conservation of energy • Waves • Light and the electromagnetic spectrum • Radioactivity
Paper 6 (Physics)	• Key concepts of physics • Energy - Forces doing work • Forces and their effects • Electricity and circuits • Magnetism and the motor effect • Electromagnetic induction • Particle model • Forces and matter

Triple Science. Each exam is 1 hour and 45 minutes long and counts for 50% of the overall mark. There are two papers for each Science.

Subject	Exam	Topics it covers
Biology	Paper 1	• Key concepts in biology • Cells and control • Genetics • Natural selection and genetic modification • Health, disease and the development of medicines
	Paper 2	• Key concepts in biology • Plant structures and their functions • Animal coordination, control and homeostasis • Exchange and transport in animals • Ecosystems and material cycles
Chemistry	Paper 1	• Key concepts in chemistry • States of matter and mixtures • Chemical changes • Extracting metals and equilibria • Separate chemistry 1
	Paper 2	• Key concepts in chemistry • Groups in the periodic table • Rates of reaction and energy changes • Fuels and Earth science • Separate chemistry 2
Physics	Paper 1	• Key concepts of physics • Motion and forces • Conservation of energy • Waves • Light and the electromagnetic spectrum • Radioactivity • Astronomy
	Paper 2	• Key concepts of physics • Energy - Forces doing work • Forces and their effects • Electricity and circuits • Static electricity • Magnetism and the motor effect • Electromagnetic induction • Particle model • Forces and matter

Tips for revision:

- Use the topic summaries in your exercise books you have been given throughout the course. Turn the learning outcomes into questions.
- Use the follow-up to your topic tests and mock exams to help to target your revision.
- Make a revision card summary of one page in your revision guide.
- Make a mind map based on the ideas covered in one page of your revision guide.
- For diagrams, spend time learning the labels. Then cover the labels with Post-its and see if you can remember them.
- Make up 5 questions based on the information on one page of your revision guide. See if you can answer your questions the next day.
- Use the past papers in the folder in the Student Area (Science) to practise. These papers are for the older specification, but many of the questions will still be relevant to the new course. Ask your science teacher if you are unsure.
- Edexcel is our exam board and a number of past papers for the older specification are still available to you online. Follow this link and choose GCSE/Science/ Mixed Science Route
- http://qualifications.pearson.com/en/support/support-topics/exams/past-papers.html