

What to revise

There are several topics per subject, split into 6 exam papers in total.

<u>Biology</u>	<u>Chemistry</u>	<u>Physics</u>
<p>Paper 1 (70 marks, 75 mins):</p> <ol style="list-style-type: none"> 1 - Cell Biology 2 - Organisation 3 - Infection and Response 4 - Bioenergetics <p>Paper 2 (70 marks, 75 mins):</p> <ol style="list-style-type: none"> 5 - Homeostasis and Response 6 - Inheritance, Variation and Evolution 7 - Ecology 	<p>Paper 1 (70 marks, 75 mins):</p> <ol style="list-style-type: none"> 1 - Atomic Structure and the Periodic Table 2 - Bonding, Structure and the Properties of Matter 3 - Quantitative Chemistry 4 - Chemical Changes 5 - Energy Changes <p>Paper 2 (70 marks, 75 mins):</p> <ol style="list-style-type: none"> 6 - The Rate and Extent of Chemical Change 7 - Organic Chemistry 8 - Chemical Analysis 9 - Chemistry of the Atmosphere 10 - Using Resources 	<p>Paper 1 (70 marks, 75 mins):</p> <ol style="list-style-type: none"> 1 - Energy 2 - Electricity 3 - Particle Model of Matter 4 - Atomic Structure <p>Paper 2 (70 marks, 75 mins):</p> <ol style="list-style-type: none"> 5 - Forces 6 - Waves 7 - Magnetism and Electromagnetism

Where to find help and resources

- Use the criteria sheets, revision planners and required practicals booklet provided on paper.
- Access the electronic resources at **L:\Science\2. GCSE Revision** in school or via the *Learning Portal* from home.
- Come to after-school drop-in sessions in Biology (alternating Tues/Thurs), Chemistry (Wednesday) and Physics (Tuesday).
- Ask your teacher questions that come up during your revision.

Combined Science

Criteria Sheets

Chemistry
Paper 1 (Topics 1-5)
Paper 2 (Topics 6-10)



Combined Science		Biology		Chemistry		Physics	
Topic	Criteria	Topic	Criteria	Topic	Criteria	Topic	Criteria
Table 1	...	Table 1	...	Table 1	...	Table 1	...
Table 2	...	Table 2	...	Table 2	...	Table 2	...
Table 3	...	Table 3	...	Table 3	...	Table 3	...
Table 4	...	Table 4	...	Table 4	...	Table 4	...

Combined Science

Required Practical
+
Practical Skill
Guidance



What to do

Resource	How to use it
Revision Planners 	Use these to help structure your revision to cover all the sections.
Criteria Sheets 	Use these to find the exact details needed. Find key words and ideas and identify your areas to work on.
Revision Guides 	Use these to help build your understanding. Read and answer the practice questions for the parts you don't understand yet.
Exam Questions - by Topic - Whole 	It is vital that you check you can answer exam questions on each topic and by using whole papers. Check your answers with the mark schemes carefully.
Kerboodle 	Access to full digital textbooks and many digital resources such as check lists, worksheets and quizzes.
Flash Cards and Mind Maps 	Create resources to summarise topics. Use these to test yourself regularly.
Required Practicals and Practical Skills booklet 	Revise these practicals and more general skills. Watch the videos to remind yourself what you did.
GCSEpod 	Log in to GCSEpod and use the podcasts to check and improve your understanding.
Friends - study groups 	Create a study group with friends to support, help and encourage each other.

How parents can help

Please check that your son/daughter is making full use of the resources that the Science department has provided:

- Three sets of **criteria sheets** with statements for each topic, detailing exactly what is expected of them. These show what is examined at foundation and higher tiers.
- Three course-specific **revision guides** which cover every topic they will be examined on.
- Two **revision planners** per GCSE to show which sub-topics fall into which exam. These should be used to ensure full coverage: they should tick off topics as they go.
- A **required practicals and practical skills** booklet.
- Access to a vast array of **exam questions**, split into topics, and **whole exam papers**, all with mark schemes. These are accessible on L:\ drive in school and via the Learning Portal from home.

Encourage your son/daughter to use the most effective revision strategies:

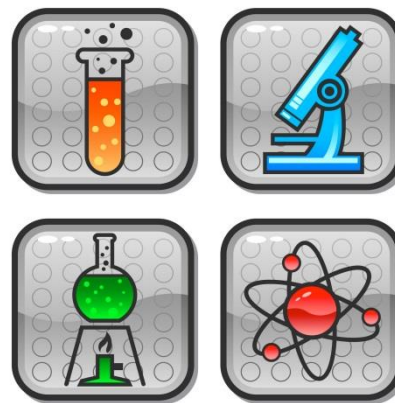
- Completing and marking exam questions is a vital process, identifying areas to focus on. It also helps pupils to become familiar with the common style, content and skills they will meet in their real exams as well as fine-tuning their level of detail.
- Using the materials on **GCSEpod** and **Kerboodle** can be done anywhere, any time.
- Using an **online** revision/flashcard tool, such as **Quizlet**, allows pupils to store their notes centrally and access them on the move when they have pockets of time to make use of.

Provide the necessary resources:

- Flash cards, highlighters, pens, colours, paper.
- Access to online resources, plus printer paper and ink.
- Encouragement and a reminder of what they are aiming for!

Combined Science

AQA GCSE Combined Science: Trilogy



Advice for Effective Revision