

## What to revise

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

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





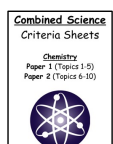







## Where to find help and resources

- Use [www.my-gcscscience.com](http://www.my-gcscscience.com) to help structure your exam preparation.
- Use criteria sheets, flashcard booklets and revision planners.
- Access the electronic resources via the *Learning Portal* from home or school.
- Come to after-school drop-in sessions.
- Ask your teacher questions that come up during your revision.



Combined Science		Biology		Chemistry		Physics	
Paper 1		Paper 1		Paper 1		Paper 1	
Exam = Tues 15 <sup>th</sup> May (p.m.)		Exam = Tues 15 <sup>th</sup> May (p.m.)		Exam = Tues 15 <sup>th</sup> May (p.m.)		Exam = Tues 15 <sup>th</sup> May (p.m.)	
Communicable (Diet-related) Diseases	16	Cell Structure	16	Atomic Structure	16	Energy	16
Viral Diseases	16	Microscopy	16	Periodic Table	16	Electricity	16
Bacterial Diseases	16	Cell Differentiation	16	Bonding, Structure and the Properties of Matter	16	Particle Model of Matter	16
Fungal Diseases	16	Chromosomes	16	Quantitative Chemistry	16	Atomic Structure	16
Prion Diseases	16	Antibiotics and the Cell Cycle	16	Chemical Changes	16		
Human Defence Systems	16	Stem Cells	16	Energy Changes	16		
Disinfectants	16	Diffusion	16				
Antibiotics and Penicillin	16						
Discovery and Development of Drugs	16						
Pharmacokinetics	16						
Use of Pharmaceuticals	16						
Required Practical: Photosynthesis	16						
Use of Sources from Photosynthesis	16						
Aerobic and Anaerobic Respiration	16						
Respiration in Exercise	16						
Metabolism	16						

## What to do

Resource	How to use it
<p><a href="http://www.my-gcscscience.com">www.my-gcscscience.com</a></p>   	Excellent for helping you to organise your revision. Videos, multiple-choice questions and exam questions. Red, amber, green used to track progress.
<p>Revision Planners</p> 	Use these to help structure your revision to cover all the sections.
<p>Criteria Sheets</p>  	Use these to find the exact details needed. Find key words and ideas and identify your areas to work on.
<p>Revision Guides</p>  	Use this to help build your understanding. Read and answer the practice questions for the parts you don't understand yet.
<p>Exam Questions</p> <ul style="list-style-type: none"> <li>- by Topic</li> <li>- Whole</li> </ul> 	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.
<p>Flash Cards and Mind Maps</p> 	Use the provided resources to test yourself regularly.
<p>Required Practicals and Practical Skills</p> 	Revise these practicals and more general skills. Watch the videos to remind yourself what you did.
<p>Friends</p> <ul style="list-style-type: none"> <li>- study groups</li> </ul> 	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:

- Access to [www.my-gcse-science.com](http://www.my-gcse-science.com) – can be used on any device including phones – perfect for organising revision.
- **Flashcard booklets** with questions and answers for each topic, to support revision of key information.
- Course-specific **revision guide** which covers 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.
- Access to a vast array of **exam questions**, split into topics, and **whole exam papers**, all with mark schemes. These are accessible on the Learning Portal from home and from the AQA website.

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

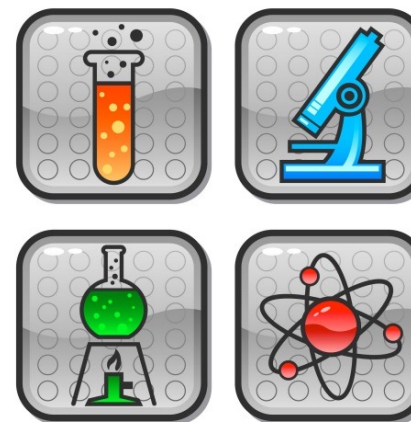
- Completing and marking exam questions is a vital process, identifying areas to focus on. It also helps pupils to become familiar with the common style, content and skills they will meet in their real exams as well as fine-tuning their level of detail.
- Using the materials on **My-GCSEScience** - can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

**Provide the necessary resources:**

- Highlighters, pens, colours, paper.
- Access to online resources.
- Encouragement and a reminder of what they are aiming for!

# Combined Science

## AQA GCSE Combined Science: Trilogy



## Advice for Effective Revision