

## What to revise

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

<b>Biology</b>	<b>Chemistry</b>	<b>Physics</b>
<b>Paper 1</b> (70 marks, 75 mins): 1 - Cell Biology 2 - Organisation 3 - Infection and Response 4 - Bioenergetics  <b>Paper 2</b> (70 marks, 75 mins): 5 - Homeostasis and Response 6 - Inheritance, Variation and Evolution 7 - Ecology	<b>Paper 1</b> (70 marks, 75 mins): 1 - Atomic Structure and the Periodic Table 2 - Bonding, Structure and the Properties of Matter 3 - Quantitative Chemistry 4 - Chemical Changes 5 - Energy Changes  <b>Paper 2</b> (70 marks, 75 mins): 6 - The Rate and Extent of Chemical Change 7 - Organic Chemistry 8 - Chemical Analysis 9 - Chemistry of the Atmosphere 10 - Using Resources	<b>Paper 1</b> (70 marks, 75 mins): 1 - Energy 2 - Electricity 3 - Particle Model of Matter 4 - Atomic Structure  <b>Paper 2</b> (70 marks, 75 mins): 5 - Forces 6 - Waves 7 - Magnetism and Electromagnetism

## Where to find help and resources

- Use [www.educake.co.uk](http://www.educake.co.uk) 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									
Paper 1									
Exam - Tues 15 <sup>th</sup> May (p.m.)									
Topic	Content	Criteria sheet included	Revision guide included	Exercises book included	Exercises book included	Exercises book included	Exercises book included	Exercises book included	Exercises book included
Topic 1	Cells and Tissues								
Topic 2	Plant and Animal Cells								
Topic 3	Microscopy								
Topic 4	Microbes								
Topic 5	Plant and Animal Cells								
Topic 6	Plant and Animal Cells								
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## What to do

Resource	How to use it
<b>www.educake.co.uk</b> 	Excellent for helping you to organise your revision. Videos, multiple-choice questions and exam questions. Red, amber, green used to track progress.
<b>Revision Planners</b> 	Use these to help structure your revision to cover all the sections.
<b>Criteria Sheets</b> 	Use these to find the exact details needed. Find key words and ideas and identify your areas to work on.
<b>Revision Guides</b> 	Use this to help build your understanding. Read and answer the practice questions for the parts you don't understand yet.
<b>Exam Questions</b> - 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.
<b>Flash Cards and Mind Maps</b> 	Use the provided resources to test yourself regularly.
<b>Required Practicals and Practical Skills</b> 	Revise these practicals and more general skills. Watch the videos to remind yourself what you did.
<b>Friends - study groups</b> 	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.educake.co.uk](http://www.educake.co.uk) – 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:**

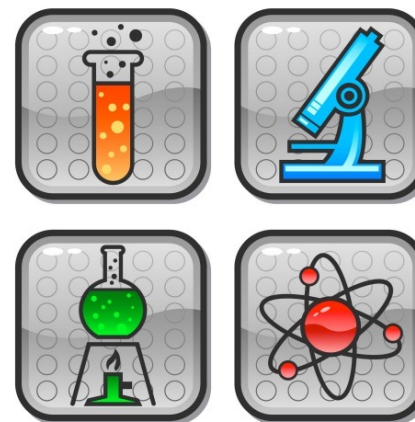
- Completing and marking exam questions is a vital process, identifying areas to focus on. It also helps pupils to become familiar with the common style, content and skills they will meet in their real exams as well as fine-tuning their level of detail.
- Using the materials on **Educake** - can be done 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