What to revise

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

GCSE Biology

Paper 1 (100 marks, 105 mins):

1 - Cell Biology
2 - Organisation
3 - Infection and Response
4 - Bioenergetics

Paper 2 (100 marks, 105 mins):

5 - Homeostasis and Response
6 - Inheritance, Variation and Evolution
7 - Ecology

GCSE Chemistry

Paper 1 (100 marks, 105 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

Paper 2 (100 marks, 105 mins):

6 - The Rate and Extent of Chemical Change
7 - Organic Chemistry
8 - Chemical Analysis
9 - Chemistry of the Atmosphere
10 - Using Resources

GCSE Physics

Paper 1 (100 marks, 105 mins):

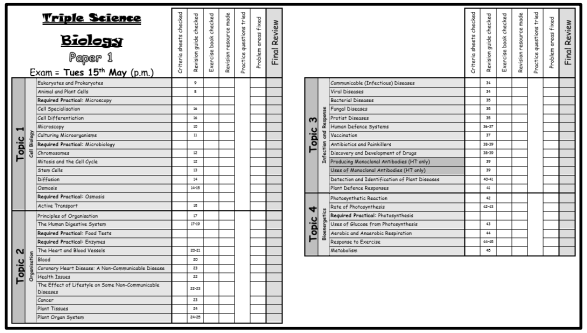
1 - Energy
2 - Electricity
3 - Particle Model of Matter
4 - Atomic Structure

Paper 2 (100 marks, 105 mins):

5 - Forces
6 - Waves
7 - Magnetism and Electromagnetism
8 - Space Physics

Where to find help and resources

- Use www.my-gcsescience.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.



What to do

Resource	How to use it
www.my-gcsescience.com	Excellent for helping you to organise your revision. Videos, multiple-choice questions and exam questions. Red, amber, green used to track progress.
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.
Flash Cards and Mind Maps	Use the provided resources to test yourself regularly.
Required Practicals and Practical Skills	Revise these practicals and more general skills. Watch the videos to remind yourself what you did.
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:

- Access to www.my-gcsescience.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.
- Three course-specific **revision guides** which cover every topic they will be examined on.
- Two **revision planner** sheets per GCSE to show which sub-topics fall into which exam paper. 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:

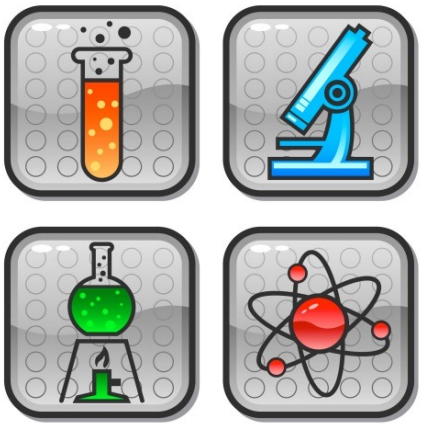
- Completing and marking exam questions is a vital process, identifying areas to focus on. It also helps pupils to become familiar with the common style, content and skills they will meet in their real exams as well as fine-tuning their level of detail.
- Using the materials on **My-GCSEScience** - can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

Triple Science

AQA GCSE Biology, GCSE Chemistry and GCSE Physics



Advice for Effective Revision