





# Science

Subject Leader	<b>Philip Sutton</b>
Subject Teacher(s)	<b>Phil Sutton, Jo Ainsworth, Andrew Dickinson</b>
Course Title	<b>GCSE Chemistry ( 1 GCSE)</b> <b>GCSE Physics ( 1 GCSE)</b> <b>GCSE Biology ( 1 GCSE)</b>
Website	<a href="#">AQA   Science   GCSE   Chemistry</a> <a href="#">AQA   Science   GCSE   Physics</a> <a href="#">AQA   Science   GCSE   Biology</a>



# Course Overview

- Students following the Triple Science course will study three GCSEs in Biology, Chemistry and Physics.
- Each course is a separate GCSE in its own right, they include the relevant science content from GCSE Combined Science but cover topics in more depth and include additional, more challenging content and practicals.
- The courses encourage students to explore, explain, theorise and model in science, developing a critical approach to scientific evidence and through working scientifically promotes transferrable scientific skills.



# Course Overview

Topics studied are:

## Biology

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

## Chemistry

1. Atomic structure and the periodic table
2. Bonding, structure, and the properties of matter
3. Quantitative chemistry
4. Chemical changes
5. Energy changes
6. The rate and extent of chemical change
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using resources

## Physics

1. Energy
2. Electricity
3. Particle model of matter
4. Atomic structure
5. Forces
6. Waves
7. Magnetism and electromagnetism
8. Space



# Assessment

- For each Science GCSE there are two exams. The exams are equally weighted and have 100 marks (50% of GCSE) available in each.
- Each written exam is 1hour 45 minutes and is available as foundation and higher tier.
- They will assess knowledge and understanding for each subject from the above topic areas including all required practicals. The papers will consist of multiple choice, structured, closed short answer, and open response questions.
- Past exam papers and specimen papers can be found here:

[AQA | Find past papers and mark schemes](#)



# Additional information

- These three courses are designed to be first and foremost a springboard to A-levels in the Sciences and any student considering Science A-levels should carefully consider opting for the triplet of courses.
- In the long term, if you decide to pursue your scientific studies, it can lead to an almost limitless number of job opportunities. Highly qualified scientists are very much in demand and their skills are required in many jobs.

[Top ten employability skills | STEM](#)