

Aims

- Provide you with the scientific knowledge and practical skills required to help you to make sense of the world around you and to take an active role in its development.
- Help you acquire and apply skills, knowledge and understanding of how Science works and develop a critical approach to scientific evidence and methods which will help you to decide whether claims made in the name of Chemistry are reasonable.
- Allow you to develop your interest in, and enthusiasm for Chemistry and to help you to recognise its increasingly essential role in society.
- Give you a glimpse into the extraordinary opportunities and variety of work available to those wishing to continue with Chemistry beyond GCSE

How will I be assessed?

Paper 1: Topics 1-5

Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry, Chemical changes; and Energy changes.

Written Paper - 1 hour 45 minutes - 50% of total marks.

Paper 2: Topics 6-10

The rate and extent of chemical change; Organic chemistry; Chemical analysis, Chemistry of the atmosphere; and using resources.

Written Paper - 1 hour 45 minutes - 50% of the total marks.

Each paper will also include questions of a more general nature requiring understanding of the nature of scientific evidence and its importance in all aspects of everyday life. Practical skills gained from experiments during the course will also be examined in these papers.

Further Information

Exam Board: AQA

Chemistry 8462

www.aqa.org.uk/subjects/science/gcse/chemistry-8462