

CHEMISTRY

at SCGSG

Miss C. Duley

AQA - Specification 8462

Introducing the Department:

Students have four lessons of Chemistry a fortnight in Years 10 and 11, with a wide variety of experiences. Particular focus is given to practical work, both class practicals and teacher demonstrations, because these improve students' understanding of key ideas in science and of how scientists develop their ideas.

Eight of the class practicals are required practicals, which all students must complete.

How will I be assessed?

The GCSE Chemistry qualification is assessed by written examinations at the end of Year 11.

There will be two examinations of 1 hour and 45 minutes for GCSE Chemistry.

Each examination paper will cover half of the subject content.

There will also be questions on practical work in the examination papers.



Exam requirements

Paper 1 units 1-5: 50% of GCSE

Paper 2 units 6-10: 50% of GCSE

Other notes:

- Textbooks available from the school library
- Resources on Microsoft Teams

There are eight practical tasks that must be completed during the course. These must be completed as part of the GCSE.

| Paper 1 | | Paper 2 | |
|---------|--|---------|--|
| 1 | Atomic structure and the periodic table | 6 | The rate and extent of chemical change |
| 2 | Bonding, structure, and the properties of matter | 7 | Organic chemistry |
| 3 | Quantitative chemistry | 8 | Chemical analysis |
| 4 | Chemical changes | 9 | Chemistry of the atmosphere |
| 5 | Energy changes | 10 | Using resources |
| 11 | Key ideas | 11 | Key ideas |