

CHEMISTRY

at SCGSG

What you can expect from our Chemistry Department?

- Subject specialist and highly experienced staff
- Access to a large variety of resources
- Newly refurbished laboratories
- Comprehensive help and support throughout the course
- Lectures & workshops
- Careers advice

What can I do with A-Level Chemistry?

This is one of the first things we ask you to look at when you start the course but here are a few ideas:

Business Management, Chemical Engineering, Dentistry, Environmental Protection and Recycling, Medicine, Medicinal Research, Pharmacy, Veterinary Science.

Introducing the Department:

We are fortunate to have a large department of experienced A-Level Chemistry teachers and a dedicated chemistry technician who will be pleased to help you throughout the course:

Ms Duley, Ms Boyle, Mr Marriner, Mrs Neal, Mrs Chatterton, Mr Davis, Mrs Trotter and Mrs Richards, our Chemistry Technician.



The Year 12 content consists of the following areas including practical tasks:

- Atomic and electron structure
- Bonding, structure & the periodic table
- Amount of substance calculations
- Introduction to organic chemistry and hydrocarbons
- Alcohols, halogenoalkanes and analysis
- Rates, equilibria & energy

The Year 13 content consists of the following areas including practical tasks:

- Benzene, acids and amines
- Polymers and synthesis
- Analysis
- Rates, equilibrium and pH
- Enthalpy & entropy
- Transition Elements

