

Chemistry

Why take this course?

Chemistry is the study of matter and its interactions. Chemistry research and development is essential for the introduction of new products and the chemical industry is a major contributor to the economy of the country. The scientific literacy, verbal and written communication, numeracy and analytical skills developed during this course are transferable across subjects and will be invaluable for life, learning and work.

To succeed in this course, you need...

The purpose of the S3 course is to develop learners' curiosity, interest and enthusiasm for Chemistry, whilst developing the analytical and investigative skills needed in the senior phase. The S3 course provides opportunities for learners to study the application of Chemistry in everyday contexts, recognise the impact Chemistry makes on the environment and on society.

Course Content

The units in the S3 course are

1. Environmental Chemistry
2. Bonding and Structure
3. Chemical Changes
4. Metals
5. Electricity
6. Fuels

Course Assessment

There will be assessments at the end of each unit of work. It is essential that pupils are self-motivated and can work independently.

Where might this course take me?

The S3 course further develops the skills and knowledge base from S1/2 and is an essential stepping stone to studying Chemistry at any further stage.