

Chemistry

Subject Leader: Mr. A. Nichol

Exam Board: OCR

A Level

Chemistry is the branch of science concerned with the substances of which matter is composed, the investigation of their properties and reactions, and the use of such reactions to form new substances. Chemistry is a challenging subject, which appeals to pupils who wish to better understand the world around them.

Year 12 Chemistry is made up of four modules:

- Module 1: Development of practical skills in Chemistry (no coursework to count towards final grade).
- Module 2: Foundations of Chemistry.
- Module 3: Periodic table and energy.
- Module 4: Core organic Chemistry

Year 13 Chemistry is made up of seven modules including all the modules from year 12.

Additional modules are

- Module 5: Core organic Chemistry.
- Module 6: Physical Chemistry and transition metal elements.
- Module 7: Organic Chemistry and analysis.

Method of Assessment:

There are three examinations at the end of the two year course covering six hours. Each examination has extended response questions. Practical based questions are included in all papers.

Practical skills are built into the course to complement the theory. Pupils will complete a minimum of 12 practical tasks to meet the practical endorsement from the exam board. There is no practical coursework; all practical theory skills will be tested in the written exams.