

IGCSE Chemistry

Chemistry is taught as an individual IGCSE subject and also part of the IGCSE coordinated science programme. We combine the IGCSE syllabus with the requirements of the CCH system.

In both cases, students can follow either the core curriculum only or they may opt to follow the extended curriculum which includes both the core and the supplementary material. Students aiming for grades A* to C must follow the extended curriculum.

Throughout the course, we try to stress:

1. the finite life of the world's resources and hence the need for recycling and conservation;
2. economic considerations in the chemical industry, such as the availability and cost of raw materials and energy;
3. the importance of chemicals in industry and in everyday life.

The broad aims of our chemistry courses are to:

1. provide through well-designed studies of experimental and practical science for all students whether or not they go on to study chemistry beyond this level
2. develop abilities and skills that are relevant to the study and practice of chemistry; are useful in everyday life; and encourage efficient and safe practice
3. develop good practice relevant to practical science
4. Stimulate interest in, and care for, the environment.
5. promote scientific awareness of theories, methods and economic considerations.

A qualification in the chemical sciences opens doors to a wide range of rewarding careers, and the IGCSE is a highly respected qualification, worldwide. In addition, a good understanding of chemistry is important for anybody considering further study in any of the physical and biological sciences, and the IGCSE prepares students well for the requirements of IB sciences.