CHEMISTRY

Exam board studied: OCR CHEMISTRY A

DETAILS OF COURSE:

Students will follow the OCR A Chemistry Specification. The specification follows a flexible, content-led approach where the specification is divided into topics, each covering different key concepts of chemistry. Teaching of practical skills is integrated with the theoretical topics and they are assessed both through written papers and, for A level only, the Practical Endorsement. The OCR A course allows students to develop essential knowledge and understanding of different areas of Chemistry and how they relate to each other, alongside a deep appreciation of the skills, knowledge and understanding of scientific methods. Students will develop competence and confidence in a variety of practical, mathematical and problem solving skills, allowing them to develop their interest and enthusiasm in Chemistry. Students are also provided with UpLearn, a revision software specialising in delivering video explanations to students to aid their learning and revision.

A Level Modules

Module 1: Practical Skills in Chemistry
Module 2: Foundations in Chemistry
Module 3: Periodic Table and Energy
Module 4: Core Organic Chemistry
Module 5: Physical Chemistry and Transition Elements
Module 6: Organic Chemistry and Analysis
A-Level Practical Endorsement

ASSESSMENT:

A Level:
Paper 1: Periodic Table, Elements and Physical Chemistry (written paper)
Paper 2: Synthesis and Analytical Techniques (written paper)
Paper 3: Unified Chemistry (written paper)
Practical Endorsement for Chemistry (non-examined assessment)
Both papers assess content from all six modules

SPECIFICATION LINKS:

https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-a-h032-h432-from-2015/

Useful Exam Question Sites
https://www.physicsandmathstutor.com/chemistry-revision/a-level-ocr-a/
https://www.a-levelchemistry.co.uk/
https://www.savemyexams.com/a-level/chemistry/ocr/17/topic-questions/

QUALITIES AND COMMITMENT EXPECTED FROM THE STUDENT:

This is a fun yet intensive course. Students are required to be dedicated as well as committed to independent study. Students are expected to be pro-active in their learning and should aspire to achieve their target grade or above. At AS and A level it is expected that students demonstrate very high levels of practical skill. Students must purchase their own lab coats.

THE FUTURE:

The A Level Chemistry course is an excellent starting point for many careers including Medicine, Dentistry, Pharmacy and Pharmacology, to name a few.