

# CHEMISTRY

Exam Board: AQA

FULSTON MANOR SCHOOL



## WHY TAKE THIS COURSE?

This specification is designed to encourage candidates to:

- Gain hands- on practical skills and data analysis skills.
- Appreciate how science works and its relevance beyond the laboratory.
- Develop an enthusiasm for chemistry.
- Demonstrate a synoptic understanding.
- Study chemistry in a contemporary context.

## AIMS OF THE COURSE

- To develop essential knowledge and understanding of concepts of chemistry and the skill needed for the use of these in new and changing situations
- To be aware of advances in technology relevant to chemistry

- To show knowledge and understanding of facts, principles and concepts from different areas of chemistry and to make and use connections between them

### **COURSE STRUCTURE AND CONTENT**

Module 1: Physical Chemistry

Module 2: Inorganic Chemistry

Module 3: Organic Chemistry

### **ASSESSMENT**

Paper 1: Periodic Table, Elements and Physical and Inorganic Chemistry

Paper 2: Synthesis and Analytical Techniques

Paper 3: Unified Chemistry

There is no coursework element to the course. Students complete a Practical Endorsement which is graded as Pass or Fail but does not contribute to the final grade given.

### **ENTRY REQUIREMENTS**

To be accepted on the A Level course a student should have at least 5 GCSEs at grades 9 - 4 (or equivalent). Students would be expected to have a GCSE of at least a grade 5-5 in either GCSE Combined Science or grade 5 in GCSE Triple Chemistry. A GCSE grade 4 in English and Mathematics is normally required, however, a GCSE grade 5 in Mathematics is desirable.