

Chemistry

A Level

Exam Board: **OCR**



ST. MARY MAGDALENE

C OF E SIXTH FORM

PENINSULA CAMPUS

*Excellence through innovation,
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What is Chemistry?

Chemistry is involved in all of our lives from the materials around us to the medicines we take to keep us healthy. Chemists work in research and analysis in a wide range of industries including fuels, fashion and pharmaceuticals. Studying Chemistry will give you the opportunity to advance your GCSE Science skills by completing challenging practical and theoretical problems.

What will I study?

Module 1: Development of 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

What entry requirements will I need?

In addition to the general entry requirements you will need a grade 6 in Chemistry or grade 6/6 in Combined Science.

How will I be taught?

- 5hrs contact time plus 5hrs private study per week.
- No assessed coursework.
- Core practical activities (PAGs) that make up a practical endorsement.
- Regular assessment.

How will I be assessed?

Paper	Weighting	Marks and duration
Periodic table, Elements and Physical Chemistry (Modules 1, 2, 3 and 5)	37%	100 marks 2hrs 15mins
Synthesis and Analytical Techniques (Modules 1, 2, 4 and 6)	37%	100 marks 2hrs 15mins
Unified Chemistry (All Modules)	26%	70 marks 1hr 30 mins

What career opportunities does this open up?

A wide range of degree courses and careers including medicine and veterinary science, agriculture, biology, forensic science, engineering, pharmacology and food science. The logic and problem-solving skills developed are also ideal for careers not directly linked to chemistry.