Oasis academy :MediaCityUK

Chemistry

CHEMISTRY

OCR

Why choose to study Chemistry?

The specification is divided into chemical topics, each containing different key concepts of chemistry. Once the key features of a chemical topic have been developed, applications are considered. For assessment purposes, knowledge and understanding of key concepts are treated separately at AS, important links between different areas of chemistry are largely assessed synoptically at A2. While the teaching of practical skills may be integrated with the theoretical topics, they are assessed separately. This allows skills to be developed in a way suited to each individual centre.

Subject Specific Entrance Requirements

A range of GCSEs which must include two D grades, one of which must be in English.

Resources and Facilities

Our department has extensive Science ICT facilities for practical analysis, research and presentations, as well as dedicated subject teachers from a range of chemistry backgrounds.

Teaching and Learning Styles

Teaching and Learning will be through a range of practical analysis, data analysis, research and independent study.

Assessment

AS Atoms, Bonds and Groups
Chains, Energy and Resources
Practical Skills in Chemistry 1

A2 Rings, Polymers and Analysis
Equilibria, Energetics and Elements
Practical Skills in Chemistry 2

Two units at AS and A2 level are assessed through written examination. One unit at AS and A2 level is assessed through internal assessment.

Progression Opportunities

This course offers opportunities for progression in higher education in a range of courses including Chemical Engineering, Food Science and Forensics.