



CHEMISTRY

IGCSE Chemistry enables students to:

- learn about unifying patterns and themes in Chemistry and use them in new and changing situations
- acquire knowledge and understanding of chemical facts, terminology, concepts, principles and practical techniques
- apply the principles and concepts of Chemistry, including those related to the applications of Chemistry, to different contexts
- evaluate chemical information, making judgements on the basis of this information
- appreciate the practical nature of Chemistry, developing experimental and investigative skills based on correct and safe laboratory techniques
- analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations
- recognise the importance of accurate experimental work and reporting scientific methods in Chemistry
- select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions
- develop a logical approach to problem solving in a wider context
- select and apply appropriate areas of mathematics relevant to Chemistry as set out under each topic
- prepare for more advanced courses in Chemistry and for other courses that require knowledge of Chemistry.

Content Summary:

- 1 Principles of chemistry
- 2 Inorganic chemistry
- 3 Physical chemistry
- 4 Organic chemistry

Assessment

There are two examination papers

Paper One is two hours and Paper Two is one hour and fifteen minutes. The examination papers are set and marked by the examination board.