

# Curriculum Overview

## P3 Chemistry

Curriculum Intent: To develop the necessary scientific skills to complete a Chemistry GCSE. This includes working scientifically by learning how to use equipment, describe methods, analyse and reach conclusions. We also consider the historical events that lead to our current understanding of scientific ideas, such as the development of the atom.

Learning covered: Chemistry GCSE covers ten main topics;

- ♦ Atomic Structure and the periodic table, Bonding, structure and the properties of matter, Quantitative chemistry, Chemical changes, Energy Changes, The rate and extent of chemical change, Organic chemistry, Chemical analysis, Chemistry of the atmosphere and Using resources

Links to accreditation: [AQA Chemistry GCSE \(8462\)](#)

Preparation for transition (including links to careers): Chemistry GCSE is a single science qualification that can be used on the path to many careers such as Forensic Science, Nanotechnology, Material Engineering and Pharmacy. Some A level and vocational courses will require a science GCSE.

