



Overview

Students will continue to deepen their knowledge and understanding of chemistry concepts that affect our lives including rates of reactions, identifying chemicals, chemistry of the atmosphere and finally using resources before revising for the GCSE exam.

Year 11 Chemistry

Term 3

Students will revise and complete practise papers before sitting their GCSE examinations.

Term 1

Students will start year 11 by studying hydrocarbons and their significant impact on our life before taking these basics to investigate organic chemicals including alcohols, carboxylic acids, esters and polymers. Students then apply and develop their practical skills by investigating how to identify different chemicals. This term we will look at required practical: identifying cations and anions.

Term 2

Students study the chemistry of the atmosphere from the evolution over billions of years and how humans and the way we live is impacting our current atmosphere before looking more closely in to the impacts of atmospheric pollutants. The knowledge within this topic supports the knowledge of 'using resources' where we investigate the resources our planet provides us and how scientists can use these resources and evaluate the impact of finite, renewable and sustainable resources.

