

chaseterracetechnologycollege

(Part of the Stephen Sutton Multi Academy Trust)

Course Title: A level CHEMISTRY
Awarding Body: AQA
Further information available from: MR TRICKETT

Course requirements: Grade 6 or higher in GCSE Combined Science or a minimum grade 6 in each of the GCSE Single Sciences, plus GCSE Maths grade 6 or higher.

Chemistry attempts to answer the question “what is the world made of?”. From investigating how one substance can be changed into another, to researching new drugs to save lives and new materials to help us in the modern world, the opportunities that chemistry provide are endless.

Topics covered include:

- Atomic structure and bonding
- Kinetics

Thermodynamics

- Synthesis of organic compounds
- Chemical analysis

Properties and reactions of both metals and non-metals

The course is assessed by three written papers. These will cover both course content and practical techniques encountered during the course.

Practical skills are assessed during the course and given a pass / fail status.

Assessments

Paper 1	Paper 2	Paper 3
What's assessed Relevant Physical Chemistry topics Inorganic Chemistry Relevant practical skills	What's assessed Relevant Physical Chemistry topics Organic Chemistry Relevant practical skills	What's assessed Any content Any practical skills
How it's assessed Written exam: 2 hours, 105 marks 35% of A level	How it's assessed Written exam: 2 hours, 105 marks 35% of A level	How it's assessed Written exam: 2 hours, 90 marks 30% of A level
Questions 105 marks of short and long answer questions	Questions 105 marks of short and long answer questions	Questions 40 marks of questions on practical techniques and data analysis 20 marks of questions testing across the specification 30 marks of multiple choice questions

Chemistry is a challenging, but rewarding course and students will find that it compliments A-level Biology.