



CHEMISTRY

What will I learn?

You will be taught Chemistry through both theory and practical lessons. You will answer problems and prepare answers for classwork tutorials. You will complete end of topic tests and past examination papers. You will also take part in experiments and complete coursework.

In Year 12 candidates are given a solid grounding in foundation Chemistry. You will study the chemical reactivity of atoms and molecules and gain an understanding of their structures. The development and use of the periodic table is explained. Organic Chemistry is studied in more detail.

In Year 13 you will cover the areas of Inorganic, Physical and Organic Chemistry in much more detail, often with complex calculations.

For more details see the websites:

www.web.aqa.org.uk/qual/gce/pdf/AQA-2420-W-SP.PDF

www.stmargaretsacademy.com/curriculum-science.php

Qualification

A-Level

Start Date

September 2020

Finish Date

June 2022

How will I be assessed?

Paper 1 is a 2 hour exam in June worth 35% of the total marks. Paper 1 includes areas covering Physical Chemistry and Inorganic Chemistry.

Paper 2 is a 2 hour exam, in June worth 35% of the total marks. Paper 2 includes areas covering Physical Chemistry and Organic Chemistry.

Paper 3 is a 2 hour synoptic exam in June worth 30% of the total marks. It covers any content or practical skills cover in the course from the beginning.

Future opportunities

Chemistry A-Level is a essential requirement of Medicine, Dentistry, Pharmacy, and Veterinary Science.

It is also needed for Chemical Engineering, Research and Development careers.

It is desirable in many other fields involving Biological Science. Graduates with Chemistry degrees earn higher than average graduate salaries.

Further information on the opportunities can be obtained at:

www.rsc.org/Education/SchoolStudents/careers.asp

www.stmargaretsacademy.com/sixthform

Entry Requirements

Grade 4 in GCSE English
AND

Grade 7 in GCSE Maths
AND

EITHER Grade 6 in GCSE
Chemistry

OR Grade 7-6 in GCSE Science
(AQA Trilogy/Edexcel Combined/
OCR Gateway)