

# COURSE OUTLINE

## CHEMISTRY - A LEVEL



St Katherine's School



### COURSE OUTLINE

Chemistry is an enjoyable and interesting subject and it can open up many different options. Successful study proves that you possess such qualities as creativity, numeracy and the ability to think logically and solve problems.

These qualities are important in careers from accountancy to zoology. It could complement other sciences or be part of a broader range of subjects.

### DETAILS ABOUT THE COURSE

#### Topics covered:

**Topic 1: Practical skills in chemistry**

**Topic 2: Foundations in chemistry**

**Topic 3: Periodic table and energy**

**Topic 4: Core organic chemistry**

**Topic 5: Physical chemistry and transition elements**

**Topic 6: Organic chemistry and analysis**

#### Extra-curricular/trips:

Chemistry Olympiad, Cambridge Chemistry Challenge.

#### Future prospects:

Biochemistry, chemistry, teaching, medicine, nursing, environmental sciences, forensic science, veterinary science, accounting.

#### You might also take...

Biology, physics, maths, PE, psychology.

### KEY INFORMATION

#### Prior attainment:

Five grades at 9-4

Grade 6 in GCSE chemistry or grade 6s in combined science required

Grade 7 in GCSE chemistry or grade 7s in combined science desirable

Assessment:

Year 1:

20 Marks multiple choice

50 Marks structured questions Paper 2 (50%)

70 marks structured questions

Year 2:

15 Marks multiple choice

85 Marks structured questions Paper 2 (26%)

85 Marks structured questions

Practical Skills - Teacher-assessed and awarded as a separate pass/fail grade