

## Chemistry AS/A2 (AQA)

Chemistry is essential for many careers. It has a blend of theoretical and practical work, which could make a change if your other subjects all primarily involve written activities. It is not an easy option, but it is widely respected by universities and colleges. If you have enjoyed Science at GCSE then Chemistry could be the subject for you.

### Main features of the course:

#### The AS specification has 3 units:

Unit 1: Atomic Structure, Bonding and Periodicity

Unit 2: Introduction to Organic Chemistry

Unit 3: Investigative and Practical Skills

#### The A2 Specification has 3 units:

Unit 4: Kinetics, Equilibria, Carbonyls and Aromatics

Unit 5: Transition Metals and Electrochemistry

Unit 6: Investigative and Practical Skills

### How is the course assessed?

#### AS

Unit 1: Written paper - 1 hour 15 minutes

Weighting: 33% of AS mark/17% of total A level mark

Unit 2: Written paper - 1 hour 45 minutes

Weighting: 47% of AS mark/23% of total A level mark

Unit 3: Investigative and Practical Skills

Weighting: 20% of AS mark/10% of total A level mark

#### A2

Unit 4: Written paper - 1 hour 45 minutes

Weighting: 20% of total A level mark

Unit 5: Written paper - 1 hour 45 minutes

Weighting: 20% of total A level mark

Unit 6: Investigative and Practical Skills

Weighting: 10% of total A level mark

### Progression

Degrees in Chemistry, Biochemistry, Natural Sciences. Careers in Medicine, Veterinary Medicine, Dentistry, Forensic Science, Environmental Sciences, Petrochemicals, etc.