



# 6<sup>th</sup> Form Information Evening

## *Chemistry*

# Why Study Chemistry?

- Academically rigorous
- Imparts valuable skills
- Wide range of future options
- Highly regarded by universities and employers
- Required for Medicine and related subjects
- Recommended for Science-based degree courses



# Course Information

- Edexcel A-Level
- Assessed with 3 papers sat at the end of U6 Form
- Completion of at least 12/17 Core Practical assessments
- 2022 Results
  - 26% A\*
  - 57% A\* – A
  - 81% A\* – B
- 2019 Results
  - 19% A\*
  - 65% A\* – A
  - 86% A\* – B
- Topics studied:
  - Atomic structure
  - Chemical bonding
  - Inorganic chemistry
  - Chemical calculations
  - Organic chemistry
  - Energetics
  - Kinetics
  - Equilibrium
  - Acids & bases
  - Electrochemistry
  - Transition metals
  - Analytical chemistry

# Entry Requirements

- Grade 8 or higher at GCSE level in Chemistry required
- Grade 8 at GCSE level in Mathematics strongly recommended
- Aligns well with the following options:
  - Mathematics
  - Further Mathematics\*
  - Biology
  - Physics
  - Computer Science
  - Economics