

### WHY CHEMISTRY?

The opportunities for students of Science, on completion of full-time education, are enormous. There are many possible careers within the scientific world and qualifications in Science subjects are acceptable as an entry into many other careers. Science students at Madeley Academy are currently preparing to move into Higher Education Courses and careers in the following fields.

Electronic Engineering	Biological Sciences
Mechanical Engineering	Pharmacy
Aeronautics	Nursing
Forensic Science	Chemistry
Medicine	Chemical Engineering

The Science courses offered at Madeley Academy are designed to provide academic and vocational experiences. They will prepare students for their choice of career in both the world of work and Higher Education. This course will be taught in conjunction with Thomas Telford School.

### SPECIFIC ENTRY REQUIREMENTS

- Students must achieve a minimum of 5 GCSEs (Grades A\* - C) including English and Maths
- Grade B (Higher Tier) in GCSE Chemistry or Grade B (Higher Tier) in Additional Science
- Satisfactory level of competence in English
- Grade B in Mathematics

### COURSE DETAILS:

You will study **SIX UNITS** as follows:

- Atoms, Bonds and Groups
- Chains, Energy and Resources
- Practical Skills in Chemistry 1
- Rings, Polymers and Analysis
- Equilibria, Energetics and Elements
- Practical Skills in Chemistry 2



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