



# Chemistry

## A Levels

Chemists conduct experiments to study how elements work in different conditions, test how they mix, and work out what they are made up of right down to the tiniest particle.

The results can be ground breaking, colourful, explosive, or almost impossible to see.

Chemists use their experiments and knowledge to develop medicines, foods, fabrics and other materials, from neon lights to shatterproof glass.

They also use it to understand the world around us

Chemistry is an important subject for careers in: medicine, environmental science, engineering, toxicology, developing consumer products, metallurgy (studying how metals behave), space exploration, developing perfumes and cosmetics, pharmaceuticals, energy, teaching, science writing, software development and research.



## Scope of Study

Physical Chemistry

Inorganic Chemistry

Organic Chemistry



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