

## Subject: Chemistry (OCR A)

**Subject Leader:** Mrs K Dawson

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City of Norwich School Sixth Form  
An Ormiston Academy – Excellence In all

This course covers the following key topics:

Content is in six modules:

- Module 1 – Development of practical skills in chemistry
- Module 2 – Foundations in chemistry
- Module 3 – Periodic table and energy
- Module 4 – Core organic chemistry
- Module 5 – Physical chemistry and transition elements
- Module 6 – Organic chemistry and analysis

We love teaching this course because it allows us to introduce you to a world of patterns, problem solving and discoveries that explain the world around us. Chemistry is having an impact on the way we live, the materials we use and will help to solve the world's most pressing concerns, including challenges around human health, climate change, and energy.

Chemistry helps you to develop research, problem solving and analytical skills. It helps you to challenge ideas and show how you worked things out through logic and step-by-step reasoning. Chemistry often requires teamwork and communication skills, alongside organisation skills and accurate recording too which are great for project management.

Our students say:

"I enjoy studying chemistry at CNS because of the mix of theory and practical work."

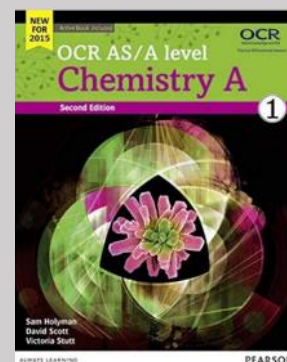
"I have become more logical and I enjoy the problem solving."

"Studying chemistry has helped me understand the periodic table and reactions more deeply."

"CNS staff have help me and supported me and I enjoy the lessons."

**Recommended**

**Textbooks:** OCR AS/A level Chemistry A Student Book 1 & 2



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If you love chemistry, we really recommend you read:

<https://edu.rsc.org/future-in-chemistry>

The Disappearing Spoon ... and other true tales from the Periodic Table by Sam Kean

H<sub>2</sub>O: A Biography of Water by Philip Ball



What future pathways are open to me if I study chemistry?

Biomedical Sciences, Biochemistry, Chemical Engineering, Dentistry, Earth Sciences, Environmental Science, Forensic Science, Geology, Medicine, Optometry, Pharmacy, Physiotherapy, Sports Science, Veterinary Science.