

WJEC

GCSE Chemistry and Careers in Chemistry

Find examples of relevant careers for subsections of the curriculum and link through to job profiles for further information. The profiles will give your students real world examples of jobs in the aspects of chemistry they enjoy most. They are written by teachers for teachers.

Simply click on the job title to go to the job profile on
A Future in Chemistry.

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GCSE Chemistry and Careers in Chemistry 1 of 6

Unit 1 – Chemical substances, reactions and essential resources

1.1 The nature of substances and chemical reactions

- › Assistant analyst, drug control centre
- › Assistant manager, publishing
- › Associate principal scientist, food
- › Chief technology officer
- › Finance and planning manager
- › Freelance science publicist
- › Head of chemistry and teacher
- › Investor relations manager
- › Medical research council board secretary
- › Policy researcher, cancer research UK
- › Senior committee specialist, UK government
- › Tax accountant
- › School science technician

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Unit 1 – Chemical substances, reactions and essential resources

1.2 Atomic structure and the Periodic Table

- › [Chief chemist](#)

1.3 Water

- › [Analytical chemists, Thames Water](#)
- › [Laboratory analyst and higher degree apprentice, water](#)

1.4 The ever-changing Earth

- › [Astrochemist](#)
- › [Atmospheric chemist](#)
- › [Environmental chemist](#)
- › [Sustainability manager](#)

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Unit 2 – Chemical bonding, application of chemical reactions and organic chemistry

2.1 Bonding, structure and properties

- › Analytical technician, plastics
- › Senior scientist, household goods
- › Nanotoxicologist
- › Postdoctoral research associate
- › Research fellow
- › Science communicator

2.2 Acids, bases and salts

- › Chief chemist

2.3 Metals and their extraction

- › Project manager, World Gold Council

2.4 Chemical reactions and energy

- › Project leader in enhanced experimentation, oil & gas

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Unit 2 – Chemical bonding, application of chemical reactions and organic chemistry

2.5 Crude oil, fuels and organic chemistry

- › Analytical technician, plastics
- › Associate researcher, pharmaceuticals
- › Associate scientist, pharmaceuticals
- › Bioanalytical scientist
- › Consumer products technician
- › Development chemist, printing and inks
- › Director of IRC in biomedical materials
- › Director of medicinal chemistry
- › Fine fragrance evaluator
- › Flavourist and innovation director
- › Patent attorney
- › Project leader in enhanced experimentation, oil and gas
- › Research innovations manager
- › Scientific associate, NMR spectroscopy

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Unit 3 – Practical assessment

Section A – Obtaining results

- › Analytical chemists, Thames Water
- › Associate researcher, pharmaceuticals
- › Bioanalytical scientist
- › Environmental chemist
- › Forensic scientist
- › Forensic toxicologist
- › Laboratory technician and higher apprentice, solar
- › Laboratory analyst and higher degree apprentice, water
- › School science technician
- › Research assistant, healthcare
- › Senior analytical systems technician
- › Sports scientist, British Olympic Association

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Unit 3 – Practical assessment

Section B - Analysing and evaluating results

- › Advanced apprentice at an occupation drug testing laboratory
- › Analytical chemist, healthcare
- › Analytical chemists, Thames Water
- › Associate researcher, pharmaceuticals
- › Bioanalytical scientist
- › Forensic scientist
- › Forensic toxicologist
- › Laboratory analyst and higher degree apprentice, water
- › Research assistant, healthcare
- › Sports scientist, British Olympic Association
- › Toxicologist, chemical company
- › Computational toxicologist

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