

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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Unit 1 – Chemical substances, reactions and essential resources

1.1 The nature of substances and chemical reactions

- › [Assistant analyst, drug control centre](#)
- › [Associate principal scientist, food](#)
- › [Chief technology officer](#)
- › [Executive editor, scientific publishing](#)
- › [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](#)
- › [Qualified Person, pharmaceuticals](#)
- › [School science technician](#)
- › [Science career coach and mentor](#)
- › [Secondary school science teacher](#)
- › [Senior committee specialist, UK government](#)
- › [Senior science manager](#)
- › [Soil scientist](#)

1.2 Atomic structure and the Periodic Table

- › [Chief chemist](#)
- › [Radioactive waste consultant](#)
- › [Secondary school science teacher](#)

1.3 Water

- › [Analyst –higher apprentice, organic chemistry](#)
- › [Analytical chemists, Thames Water](#)
- › [Associate professor](#)
- › [Chief technology officer and co-founder of a robotics company](#)
- › [Director](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Pollution control officer](#)
- › [Secondary school science teacher](#)
- › [Soil scientist](#)

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Unit 1 – Chemical substances, reactions and essential resources

1.4 The ever-changing Earth

- › [Associate professor and enterprise, partnerships and innovation lead](#)
- › [Astrochemist](#)
- › [Atmospheric chemist](#)
- › [Chief executive officer, ViridiCO2](#)
- › [Director](#)
- › [Environmental chemist](#)
- › [Environmental process specialist](#)
- › [Head of research and sustainability](#)
- › [Marine biogeochemist](#)
- › [Marketing development manager](#)
- › [Pollution control officer](#)
- › [Professor of biorefineries](#)
- › [Professor of environmental chemistry](#)
- › [Research fellow, battery recycling](#)
- › [Scientific Consultant](#)
- › [Secondary school science teacher](#)
- › [Section leader, wind](#)
- › [Senior curator](#)
- › [Senior principal scientist](#)
- › [Soil scientist](#)
- › [Solar technology engineer](#)
- › [Sustainability manager](#)

1.5 Rate of chemical change

- › [Chief executive officer, ViridiCO2](#)
- › [Secondary school science teacher](#)
- › [Senior principal scientist](#)

1.6 Limestone

- › [Environmental process specialist](#)
- › [Senior curator](#)
- › [Secondary school science teacher](#)

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

2.1 Bonding, structure and properties

- › [Analyst –higher apprentice, organic chemistry](#)
- › [Analytical technician, plastics](#)
- › [Associate professor](#)
- › [Associate professor and enterprise, partnerships and innovation lead](#)
- › [Chief technology officer and co-founder of Lixea, a sustainable solutions company](#)
- › [Director](#)
- › [Head of research and sustainability](#)
- › [Marketing development manager](#)
- › [Museum scientist](#)
- › [Nanotoxicologist](#)
- › [Postdoctoral research associate](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Product and process development manager](#)
- › [Professor of biorefineries](#)
- › [Research fellow](#)
- › [Science communicator](#)
- › [Secondary school science teacher](#)
- › [Section leader, wind](#)
- › [Senior curator](#)
- › [Senior principal scientist](#)
- › [Senior research and development scientist](#)
- › [Senior scientist, household goods](#)
- › [Senior software developer](#)
- › [Solar technology engineer](#)

2.2 Acids, bases and salts

- › [Chief chemist](#)

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

2.3 Metals and their extraction

- › [Bioleaching lab technician](#)
- › [Environmental process specialist](#)
- › [Museum scientist](#)
- › [PhD researcher](#)
- › [Pollution control officer](#)
- › [Product and process development manager](#)
- › [Project manager, World Gold Council](#)
- › [Research fellow, battery recycling](#)
- › [Secondary school science teacher](#)

2.4 Chemical reactions and energy

- › [Director](#)
- › [Project leader in enhanced experimentation, oil & gas](#)
- › [Secondary school science teacher](#)

2.5 Crude oil, fuels and organic chemistry

- › [Analyst –higher apprentice, organic chemistry](#)
- › [Analytical technician, plastics](#)
- › [Associate researcher, pharmaceuticals](#)
- › [Associate scientist, pharmaceuticals](#)
- › [Bioanalytical scientist](#)
- › [Chief technology officer and co-founder of a robotic chemists' company](#)
- › [Marketing development manager](#)
- › [Medicinal chemist, drug discovery](#)
- › [Patent attorney](#)
- › [Professor of biorefineries](#)
- › [Professor of environmental chemistry](#)
- › [Project leader in enhanced experimentation, oil and gas](#)

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

2.5 Crude oil, fuels and organic chemistry cont.

- › [Development chemist, printing and inks](#)
- › [Director](#)
- › [Director of IRC in biomedical materials](#)
- › [Director of medicinal chemistry](#)
- › [Fine fragrance evaluator](#)
- › [Flavourist and innovation director](#)
- › [Head of research and sustainability](#)
- › [Research & development team leader](#)
- › [Research innovations manager](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Secondary school science teacher](#)
- › [Section leader, wind](#)
- › [Senior director of chip research](#)
- › [Senior science manager](#)

2.6 Reversible reactions, industrial processes and important chemicals

- › [Pollution control officer](#)
- › [Secondary school science teacher](#)

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Unit 3 – Practical assessment

Section A – Obtaining results

- › [Analyst –higher apprentice, organic chemistry](#)
- › [Analytical chemists, Thames Water](#)
- › [Associate professor](#)
- › [Associate researcher, pharmaceuticals](#)
- › [Bioleaching lab technician](#)
- › [Chief technology officer and co-founder of a robotic chemists' company](#)
- › [Chief technology officer and co-founder of Lixea, a sustainable solutions company](#)
- › [Environmental chemist](#)
- › [Environmental process specialist](#)
- › [Forensic scientist](#)
- › [Forensic toxicologist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Laboratory technician and higher apprentice, solar](#)
- › [Marine biogeochemist](#)
- › [Marketing development manager](#)
- › [Medicinal chemist, drug discovery](#)
- › [Museum scientist](#)
- › [PhD researcher](#)
- › [Pollution control officer](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Professor of environmental chemistry](#)
- › [Qualified Person, pharmaceuticals](#)
- › [R&D Chemist](#)
- › [Research & development team leader](#)
- › [Research assistant, healthcare](#)
- › [Research fellow, battery recycling](#)
- › [School science technician](#)
- › [Scientific Consultant](#)
- › [Scientist, Incident Management & Crisis Resolution](#)
- › [Secondary school science teacher](#)
- › [Section leader, wind](#)
- › [Senior analytical systems technician](#)
- › [Senior director of chip research](#)
- › [Senior science manager](#)
- › [Soil scientist](#)
- › [Solar technology engineer](#)
- › [Sports scientist, British Olympic Association](#)
- › [Teaching technical specialist](#)
- › [University laboratory technician apprentice](#)

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Unit 3 – Practical assessment

Section B -Analysing and evaluating results

- › [Advanced apprentice at an occupation drug testing laboratory](#)
- › [Analyst –higher apprentice, organic chemistry](#)
- › [Analytical chemist, healthcare](#)
- › [Analytical chemists, Thames Water](#)
- › [Associate professor](#)
- › [Associate researcher, pharmaceuticals](#)
- › [Bioanalytical scientist](#)
- › [Chief technology officer and co-founder of a robotic chemists' company](#)
- › [Chief technology officer and co-founder of Lixea, a sustainable solutions company](#)
- › [Computational toxicologist](#)
- › [Environmental process specialist](#)
- › [Forensic scientist](#)
- › [Forensic toxicologist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Marine biogeochemist](#)
- › [Marketing development manager](#)
- › [Medicinal chemist, drug discovery](#)
- › [Museum scientist](#)
- › [PhD researcher](#)
- › [Pollution control officer](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Professor of environmental chemistry](#)
- › [Qualified Person, pharmaceuticals](#)
- › [R&D Chemist](#)
- › [Research assistant, healthcare](#)
- › [Research & development team leader](#)
- › [Research fellow, battery recycling](#)
- › [Scientific Consultant](#)
- › [Scientist, Incident Management & Crisis Resolution](#)
- › [Secondary school science teacher](#)
- › [Senior director of chip research](#)
- › [Senior science manager](#)
- › [Soil scientist](#)
- › [Solar technology engineer](#)
- › [Sports scientist, British Olympic Association](#)
- › [Toxicologist, chemical company](#)