

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](#)
- › [Bionanotechnology PhD student](#)
- › [Chemistry engineer, nuclear](#)
- › [Chief technology officer](#)
- › [Co-founder and machine learning lead of tech startup Ignota Labs](#)
- › [Dermal toxicologist](#)
- › [Executive editor, scientific publishing](#)
- › [Finance and planning manager](#)
- › [Freelance science publicist](#)
- › [Head of chemistry and teacher](#)
- › [Head of computational toxicology](#)
- › [Head of toxicology](#)
- › [Investor relations manager](#)
- › [Laboratory scientist apprentice](#)
- › [Medical research council board secretary](#)
- › [Microplastics toxicologist](#)
- › [Policy researcher, cancer research UK](#)
- › [Qualified Person, pharmaceuticals](#)
- › [School science technician](#)
- › [Science career coach and mentor](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Secondary school science teacher](#)
- › [Senior committee specialist, UK government](#)
- › [Senior laboratory technician](#)
- › [Senior science manager](#)
- › [Soil scientist](#)

1.2 Atomic structure and the Periodic Table

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

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](#)

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1.3 Water continued

- › [Pollution control officer](#)
- › [Research scientist, microplastics](#)
- › [Secondary school science teacher](#)
- › [Soil scientist](#)

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](#)
- › [Principal air quality consultant](#)
- › [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](#)
- › [Bionanotechnology PhD student](#)
- › [Chief technology officer and co-founder of Lixea, a sustainable solutions company](#)
- › [Co-founder and machine learning lead of tech startup Ignota Labs](#)
- › [Director](#)
- › [Head of computational toxicology](#)
- › [Head of research and sustainability](#)
- › [Laboratory scientist apprentice](#)
- › [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](#)
- › [Technical services chemist, cosmetics](#)

2.2 Acids, bases and salts

- › [Chemistry engineer, nuclear](#)
- › [Chief chemist](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)

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2.3 Metals and their extraction

- › [Bioleaching lab technician](#)
- › [Environmental process specialist](#)
- › [Laboratory scientist apprentice](#)
- › [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

- › [Chemistry engineer, nuclear](#)
- › [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](#)
- › [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](#)
- › [Marketing development manager](#)
- › [Medicinal chemist, drug discovery](#)
- › [Microplastics toxicologist](#)
- › [Patent attorney](#)
- › [Principal air quality consultant](#)
- › [Professor of biorefineries](#)
- › [Professor of environmental chemistry](#)
- › [Project leader in enhanced experimentation, oil and gas](#)
- › [Research & development team leader](#)

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2.5 Crude oil, fuels and organic chemistry continued

- › [Research innovations manager](#)
- › [Section leader, wind](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Senior director of chip research](#)
- › [Secondary school science teacher](#)
- › [Senior science manager](#)

2.6 Reversible reactions, industrial processes and important chemicals

- › [Pollution control officer](#)
- › [Secondary school science teacher](#)
- › [Principal air quality consultant](#)

Unit 3 – Practical assessment

Section A – Obtaining results

- › [Analyst –higher apprentice, organic chemistry](#)
- › [Dermal toxicologist](#)
- › [Analytical chemists, Thames Water](#)
- › [Environmental chemist](#)
- › [Associate professor](#)
- › [Environmental process specialist](#)
- › [Associate researcher, pharmaceuticals](#)
- › [Forensic scientist](#)
- › [Bioleaching lab technician](#)
- › [Forensic toxicologist](#)
- › [Bionanotechnology PhD student](#)
- › [Head of toxicology](#)
- › [Chief scientist at agritech company, Lambda Energy](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Chief technology officer and co-founder of a robotic chemists' company](#)
- › [Laboratory scientist apprentice](#)
- › [Chief technology officer and co-founder of Lixea, a sustainable solutions company](#)
- › [Laboratory technician and higher apprentice, solar](#)

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Section A – Obtaining results continued

- › [Marine biogeochemist](#)
- › [Marketing development manager](#)
- › [Medicinal chemist, drug discovery](#)
- › [Microplastics toxicologist](#)
- › [Museum scientist](#)
- › [PhD researcher](#)
- › [Pollution control officer](#)
- › [Principal air quality consultant](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Professor of environmental chemistry](#)
- › [Qualified Person, pharmaceuticals](#)
- › [Quality officer, genomics research](#)
- › [R&D Chemist](#)
- › [Research & development team leader](#)
- › [Research assistant, healthcare](#)
- › [Research fellow, battery recycling](#)
- › [Research scientist, microplastics](#)
- › [School science technician](#)
- › [Scientific Consultant](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Scientist, Incident Management & Crisis Resolution](#)
- › [Scientific Consultant](#)
- › [Secondary school science teacher](#)
- › [Section leader, wind](#)
- › [Senior analytical systems technician](#)
- › [Senior director of chip research](#)
- › [Senior laboratory technician](#)
- › [Senior science manager](#)
- › [Soil scientist](#)
- › [Solar technology engineer](#)
- › [Sports scientist, British Olympic Association](#)
- › [Teaching technical specialist](#)
- › [Technical services chemist, cosmetics](#)
- › [University laboratory technician apprentice](#)

Section B -Analysing and evaluating results

- › [Advanced apprentice at an occupation drug testing laboratory](#)
- › [Analyst –higher apprentice, organic chemistry](#)
- › [Analytical chemist](#)
- › [Analytical chemists, Thames Water](#)
- › [Associate professor](#)
- › [Associate researcher, pharmaceuticals](#)

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Section B -Analysing and evaluating results

- › [Bioanalytical scientist](#)
- › [Bionanotechnology PhD student](#)
- › [Chief scientist at agritech company, Lambda Energy](#)
- › [Chief technology officer and co-founder of a robotic chemists' company](#)
- › [Chief technology officer and co-founder of Lixea, sustainable solutions company](#)
- › [Computational toxicologist](#)
- › [Dermal toxicologist](#)
- › [Environmental process specialist](#)
- › [Forensic scientist](#)
- › [Forensic toxicologist](#)
- › [Head of computational toxicology](#)
- › [Head of toxicology](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Laboratory scientist apprentice](#)
- › [Marine biogeochemist](#)
- › [Marketing development manager](#)
- › [Medicinal chemist, drug discovery](#)
- › [Microplastics toxicologist](#)
- › [Museum scientist](#)
- › [PhD researcher](#)
- › [Pollution control officer](#)
- › [Principal air quality consultant](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Professor of environmental chemistry](#)
- › [Qualified Person, pharmaceuticals](#)
- › [Quality officer, genomics research](#)
- › [R&D Chemist](#)
- › [Research & development team leader](#)
- › [Research assistant, healthcare](#)
- › [Research fellow, battery recycling](#)
- › [Research scientist, microplastics](#)
- › [Scientific Consultant](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Scientist, Incident Management & Crisis Resolution](#)
- › [Secondary school science teacher](#)
- › [Senior director of chip research](#)
- › [Senior laboratory technician](#)
- › [Senior science manager](#)
- › [Soil scientist](#)
- › [Solar technology engineer](#)
- › [Sports scientist, British Olympic Association](#)
- › [Technical services chemist, cosmetics](#)
- › [Toxicologist, chemical company](#)

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