

CCEA

GCSE Chemistry

and

Careers in Chemistry

Find examples of the most relevant careers for subsections of the curriculum and link through to up to five 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 5

Unit 1: Structures, trends, chemical reactions, quantitative chemistry and analysis

1.1 Atomic structure

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

1.2 Bonding

- › [Associate principal scientist, food](#)
- › [Bionanotechnology PhD student](#)
- › [Co-founder and machine learning lead of tech startup Ignota Labs](#)
- › [Cosmetics, technical services chemist](#)
- › [Science communicator](#)

1.3 Structures

- › [Bionanotechnology PhD student](#)
- › [Co-founder and machine learning lead of tech startup Ignota Labs](#)
- › [Cosmetics, technical services chemist](#)
- › [Senior curator](#)
- › [Senior software developer](#)

1.4 Nanoparticles

- › [Associate professor](#)
- › [Bionanotechnology PhD student](#)
- › [Chief technology officer](#)
- › [Nanotoxicologist](#)
- › [Secondary school science teacher](#)

1.5 Symbols, formulae and equations

- › [Cosmetics, technical services chemist](#)
- › [School science technician](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)

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GCSE Chemistry and Careers in Chemistry

2 of 5

1.6 The Periodic Table

- › [Chemistry engineer, nuclear](#)
- › [Chief chemist](#)
- › [Museum scientist](#)
- › [Project manager, world gold council](#)
- › [Radioactive waste consultant](#)

1.7 Quantitative chemistry

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

1.8 Acids, bases and salts

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

1.9 Chemical analysis

- › [Analytical chemist](#)
- › [Bioanalytical scientist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)

1.10 Solubility

- › [Chemistry engineer, nuclear](#)
- › [Director](#)
- › [Research scientist, microplastics](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)

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GCSE Chemistry and Careers in Chemistry

3 of 5

Unit 2: Further chemical reactions, rates and equilibrium, calculations and organic chemistry

2.1 Metals and reactivity series

- › [Bioleaching lab technician](#)
- › [Chemistry engineer, nuclear](#)
- › [Environmental process specialist](#)
- › [Laboratory scientist apprentice](#)
- › [Research fellow, battery recycling](#)

2.2 Redox, rusting and iron

- › [Chemistry engineer, nuclear](#)
- › [Environmental process specialist](#)
- › [Laboratory scientist apprentice](#)
- › [Museum scientist](#)
- › [Product and process development manager](#)

2.3 Rates of reaction

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

2.5 Organic chemistry

- › [Analytical technician, plastics](#)
- › [Head of research and sustainability](#)
- › [Microplastics toxicologist](#)
- › [Principal air quality consultant](#)
- › [Professor of biorefineries](#)

2.6 Quantitative chemistry

- › [Chemistry engineer, nuclear](#)
- › [Cosmetics, technical services chemist](#)
- › [Research scientist, microplastics](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)

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GCSE Chemistry and Careers in Chemistry

4 of 5

2.7 Electrochemistry

- › [Product and process development manager](#)
- › [Secondary school science teacher](#)

2.8 Energy changes in chemistry

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

2.9 Gas chemistry

- › [Astrochemist](#)
- › [Principal air quality consultant](#)
- › [Atmospheric chemist](#)
- › [Senior principal scientist](#)
- › [Pollution control officer](#)

Unit 3 Practical skills

Planning an investigation

- › [Cosmetics, technical services chemist](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Medicinal chemist](#)
- › [Senior laboratory technician](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)

Carrying out an experiment

- › [Cosmetics, technical services chemist](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Medicinal chemist](#)
- › [Senior laboratory technician](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)

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GCSE Chemistry and Careers in Chemistry

5 of 5

Analysing experimental data

- › [Cosmetics, technical services chemist](#)
- › [Medicinal chemist](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)

Drawing conclusions from an experiment

- › [Cosmetics, technical services chemist](#)
- › [Medicinal chemist](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)