

SQA

National 5 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.

Last updated 2020

SQA

National 5 Chemistry and Careers in Chemistry 1 of 5

Unit 1 – Chemical changes and structures

1a Rates of reaction

- › [Chief chemist](#)
- › [Head of chemistry and science teacher](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Sustainability manager](#)
- › [Director of medicinal chemistry](#)
- › [Project leader in enhanced experimentation](#)
- › [Senior analytical systems technician](#)

1b Atomic structure and bonding related to properties of materials

- › [Head of chemistry and science teacher](#)
- › [Research fellow](#)
- › [Nanotoxicologist](#)
- › [Science communicator](#)

Last updated 2020

SQA

National 5 Chemistry and Careers in Chemistry 2 of 5

Unit 1 – Chemical changes and structure

1c Formulae and reacting quantities

- › [Analytical chemists, Thames Water](#)
- › [Chief chemist](#)
- › [Director of medicinal chemistry](#)
- › [Forensic scientist](#)
- › [Head of chemistry and science teacher](#)
- › [Households goods scientist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Project leader in enhanced experimentation](#)
- › [School science technician](#)
- › [Scientific associate, NMR spectroscopy](#)
- › [Senior analytical systems technician](#)
- › [Sustainability manager](#)

1d Acids and bases

- › [Analytical chemists, Thames Water](#)
- › [Atmospheric chemist](#)
- › [Chief chemist](#)
- › [Environmental chemist](#)
- › [Forensic scientist](#)
- › [Head of chemistry and science teacher](#)
- › [Toxicologist, chemical company](#)

Last updated 2020

SQA

National 5 Chemistry and Careers in Chemistry 3 of 5

Unit 2 – Nature's chemistry

2a Homologous series

- › Atmospheric chemist
- › Chief chemist
- › Head of chemistry and teacher
- › Project leader in enhanced experimentation

2b Everyday consumer products

- › Associate principal scientist, food
- › Consumer products technician
- › Development chemist, printing and inks
- › Fine fragrance evaluator
- › Flavourist and innovation director
- › Head of chemistry and teacher
- › Household goods scientist

2c Energy from fuels

- › Associate principal scientist, food
- › Chief chemist
- › Head of chemistry and teacher
- › Project leader in enhanced experimentation

Last updated 2020

SQA

National 5 Chemistry and Careers in Chemistry 4 of 5

Unit 3 – Chemistry in society

3a Metals

- › [Project manager](#)
- › [Head of chemistry and teacher](#)
- › [Science communicator](#)

3b Plastics

- › [Analytical technician, plastics](#)
- › [Consumer products technician](#)
- › [Head of chemistry and teacher](#)
- › [Nanotoxicologist](#)
- › [Research innovations manager](#)

3c Fertilisers

- › [Environmental chemist](#)
- › [Head of chemistry and teacher](#)

3d Nuclear chemistry

- › [Analytical chemists, Thames Water](#)
- › [Forensic toxicologist](#)
- › [Head of chemistry and teacher](#)
- › [Laboratory analyst and higher degree apprentice, water](#)

Last updated 2020

SQA

National 5 Chemistry and Careers in Chemistry 5 of 5

3e Chemical analysis

- › [Advanced apprentice, forensics](#)
- › [Analytical chemists, Thames Water](#)
- › [Assistant analyst, drug control centre](#)
- › [Bioanalytical scientist](#)
- › [Forensic toxicologist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Research assistant, healthcare](#)
- › [Sports scientist](#)
- › [Analytical chemist, healthcare](#)
- › [Analytical technician, plastics](#)
- › [Associate scientist, pharmaceuticals](#)
- › [Forensic scientist](#)
- › [Head of chemistry and teacher](#)
- › [Nanotoxicologist](#)
- › [Senior analytical systems technician](#)
- › [Toxicologist, chemical company](#)

Last updated 2020