

# OCR's Chemistry A (Gateway Science)

## 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.

*Last updated 2020*

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## Topic C1 Particles

C1.2 Atomic structure

› Chief chemist

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### Topic C2: Elements, compounds and mixtures

#### C2.1 Purity and separating mixtures

- › Project leader in enhanced experimentation, oil & gas
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#### C2.2 Bonding

- › Analytical technician, plastics
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#### C2.3 Properties of materials

- › Analytical technician, plastics
- › Nanotoxicologist
- › Postdoctoral research associate
- › Research fellow
- › Research innovations manager
- › Science communicator

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## Topic C3: Chemical reactions

### C3.1 Introducing chemical reactions

- › Associate researcher, pharmaceuticals

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### Topic C4: Predicting and identifying reactions and products

#### C4.1 Predicting chemical reactions

- › Associate principal scientist, food
  - › Associate researcher, pharmaceuticals
  - › Project manager, world gold council
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#### C4.2 Identifying the products of chemical reactions

- › Analytical chemist, healthcare
- › Analytical chemists, Thames Water
- › Assistant analyst, drug control centre
- › Associate researcher, pharmaceuticals
- › Bioanalytical scientist
- › Consumer products technician
- › Director of IRC in biomedical materials
- › Forensic scientist
- › Forensic toxicologist
- › Laboratory analyst and higher degree apprentice, water
- › Research assistant, healthcare
- › Scientific associate, NMR spectroscopy
- › Senior analytical systems technician
- › Sports scientist, British Olympic Association

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## Topic C5: Monitoring and controlling chemical reactions

### C5.1 Monitoring chemical reactions

- › [Consumer products technician](#)
- › [School science technician](#)

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### C5.2 Controlling reactions

- › [Associate principal scientist, food](#)

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## Topic C6: Global challenges

### C6.1 Improving processes and products

- › Analytical technician, plastics
- › Flavourist and innovation director
- › Senior scientist, household goods
- › \_\_\_\_\_

### C6.2 Organic chemistry

- › Analytical technician, plastics
- › Consumer products technician
- › 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 & gas
- › Research innovations manager

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## Topic C6: Global challenges

### C6.3 Interpreting and interacting with earth systems

- › [Analytical chemists, Thames Water](#)
- › [Astrochemist](#)
- › [Atmospheric chemist](#)
- › [Environmental chemist](#)
- › [Laboratory analyst and higher degree apprentice, water](#)
- › [Research innovations manager](#)
- › [Sustainability manager](#)

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## Topic C7: Practical skills

### Practical activity group

- › Advanced apprentice at an occupational drug testing laboratory
- › Analytical chemists, Thames Water
- › Analytical technician, plastics
- › Associate researcher, pharmaceuticals
- › Bioanalytical scientist
- › Computational toxicologist
- › Consumer products technician
- › Development chemist, printing and inks
- › Forensic scientist
- › Forensic toxicologist
- › Head of chemistry and teacher
- › Laboratory analyst and higher degree apprentice, water
- › Laboratory technician and higher apprentice, solar
- › School science technician
- › Toxicologist, chemical company

*Last updated 2020*