

OCR Chemistry A (Gateway Science) J248

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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Topic C1 Particles

C1.2 Atomic structure

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

Topic C2: Elements, compounds and mixtures

C2.1 Purity and separating mixtures

- › [Scientist, food and pharmaceuticals](#)
- › [Senior laboratory technician](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Senior science manager](#)
- › [Scientist, Incident Management & Crisis Resolution](#)

C2.2 Bonding

- › [Analytical technician, plastics](#)
- › [Cosmetics, technical services chemist](#)
- › [Bionanotechnology PhD student](#)
- › [Senior software developer](#)

C2.3 Properties of materials

- › [Bionanotechnology PhD student](#)
- › [Laboratory scientist apprentice](#)
- › [Chief scientist at agritech company, Lambda Energy](#)
- › [Cosmetics, technical services chemist](#)
- › [Co-founder and machine learning lead of tech startup Ignota Labs](#)

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Topic C3: Chemical reactions

C3.1 Introducing chemical reactions

- › [Chemistry engineer, nuclear](#)
- › [Medicinal chemist](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Cosmetics, technical services chemist](#)

C3.2 Energetics

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

C3.3 Types of chemical reactions

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

C3.4 Electrolysis

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

Topic C4: Predicting and identifying reactions and products

C4.1 Predicting chemical reactions

- › [Cosmetics, technical services chemist](#)
- › [Associate principal scientist, food](#)
- › [Co-founder and machine learning lead of tech startup Ignota Labs](#)
- › [Dermal toxicologist](#)
- › [Microplastics toxicologist](#)

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Topic C4: Predicting and identifying reactions and products

C4.2 Identifying the products of chemical reactions

- › [Atmospheric chemist](#)
- › [Senior laboratory technician](#)
- › [Microplastics toxicologist](#)
- › [Cosmetics, technical services chemist](#)
- › [Scientist, food and pharmaceuticals](#)

Topic C5: Monitoring and controlling chemical reactions

C5.1 Monitoring chemical reactions

- › [Bioleaching lab technician](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Chemistry engineer, nuclear](#)
- › [Scientist, food and pharmaceuticals](#)
- › [Pollution control officer](#)

C5.2 Controlling reactions

- › [Chemistry engineer, nuclear](#)
- › [Process chemist – higher apprentice, pharmaceuticals](#)
- › [Associate principal scientist, food](#)
- › [Senior principal scientist](#)
- › [Chief executive officer](#)

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Topic C6: Global challenges

C6.1 Improving processes and products

- › [Co-founder and machine learning lead of tech startup Ignota Labs](#)
- › [Research fellow, battery recycling](#)
- › [Head of research and sustainability](#)
- › [Research scientist, microplastics](#)
- › [Quality officer, genomics research](#)

C6.2 Organic chemistry

- › [Analyst – higher apprentice, organic chemistry](#)
- › [Principal air quality consultant](#)
- › [Chief executive officer](#)
- › [Section leader, wind](#)
- › [Microplastics toxicologist](#)

C6.3 Interpreting and interacting with earth systems

- › [Chief scientist at agritech company, Lambda Energy](#)
- › [Principal air quality consultant](#)
- › [Environmental chemist](#)
- › [Research scientist, microplastics](#)
- › [Pollution control officer](#)

Topic C7: Practical skills

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