

Higher 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 Changes and Structures

1a Periodicity

- › Head of Chemistry and Science Teacher
- › Scientist, Engineer and Science Communicator

1b Structure and Bonding

- › Advanced Apprentice – Forensics
- › Environmental Chemist
- › Analytical Scientist, Pharmaceuticals
- › Experimental Chemist
- › Assistant Analyst, Drug Control Centre
- › Fine Fragrance Evaluator
- › Associate Researcher, Pharmaceuticals
- › Forensic Scientist
- › Astrochemist
- › Head of Chemistry and Science Teacher
- › Atmospheric Chemist
- › Household Goods Scientist
- › Cancer Researcher and Science Communicator
- › Medicinal Chemist
- › Chemical Industrial Placement
- › Patent Attorney
- › Chief Chemist
- › PhD Student
- › Consumer Products Technician
- › Postdoctoral Research Associate
- › Director of Medicinal Chemistry, GSK
- › Project Leader in Enhanced Experimentation, Shell

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Unit 1 – Chemical Changes and Structures

1b Structure and Bonding

- › Quality Assurance Chemist
- › Registered Scientist, Water Analysis
- › Research Fellow
- › Researcher
- › Scientific Associate
- › Scientist, Engineer and Science Communicator
- › Senior Analytical Systems Technician
- › Skincare Company Founder
- › Sports Scientist
- › Sustainability Consultant
- › Sustainability Manager
- › Vice President of Research and Development

1c Oxidising and Reducing Agents

- › Environmental Chemist
- › Experimental Chemist
- › Head of Chemistry and Science Teacher
- › PhD Student

Unit 2 – Nature's Chemistry

2a Systematic Carbon Chemistry

- › Advanced Apprentice – Forensics
- › Applications Chemist

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Unit 2 – Nature’s Chemistry

2a Systematic Carbon Chemistry

- › Associate Researcher, Pharmaceuticals
- › Atmospheric Chemist
- › Cancer Researcher and Science Communicator
- › Chemical Industrial Placement
- › Consumer Products Technician
- › Director of Medicinal Chemistry
- › Environmental Chemist
- › Experimental Chemist
- › Fine Fragrance Evaluator
- › Flavour Chemist and Innovation Director
- › Forensic Scientist
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Medical Research Council Board Secretary
- › Medicinal Chemist
- › PhD Student
- › Researcher
- › Scientific Associate
- › Skincare Company Founder
- › Sports Scientist

2b Alcohols

- › Applications Chemist
- › Consumer Products Technician
- › Fine Fragrance Evaluator
- › Flavour Chemist and Innovation Director
- › Forensic Scientist
- › Head of Chemistry and Science Teacher

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Unit 2 – Nature’s Chemistry

2b Alcohols

- › Household Goods Scientist
- › Medical Research Council Board Secretary
- › Medicinal Chemist

2c Carboxylic Acids

- › Applications Chemist
- › Consumer Products Technician
- › Flavour Chemist and Innovation Director
- › Forensic Scientist
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Medical Research Council Board Secretary
- › Medicinal Chemist

2d Esters, Fats and Oils

- › Applications Chemist
- › Consumer Products Technician
- › Fine Fragrance Evaluator
- › Flavour Chemist and Innovation Director
- › Forensic Scientist
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Medical Research Council Board Secretary
- › Medicinal Chemist
- › Skincare Company Founder

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Unit 2 – Nature’s Chemistry

2e Soaps, Detergents and Emulsions

- › Applications Chemist
- › Consumer Products Technician
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Skincare Company Founder

2f Proteins

- › Applications Chemist
- › Cancer Researcher and Science Communicator
- › Consumer Products Technician
- › Flavour Chemist and Innovation Director
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Postdoctoral Research Associate
- › Sports Scientist

2g Oxidation of Food

- › Applications Chemist
- › Consumer Products Technician
- › Flavour Chemist and Innovation Director
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Sports Scientist

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Unit 2 – Nature’s Chemistry

2h Fragrances

- › Applications Chemist
- › Consumer Products Technician
- › Fine Fragrance Evaluator
- › Flavour Chemist and Innovation Director
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Skincare Company Founder

2i Skin Care

- › Applications Chemist
- › Atmospheric Chemist
- › Consumer Products Technician
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Skincare Company Founder

Unit 3 – Chemistry in Society

3a Getting the Most from Reactants

- › Advanced Apprentice – Forensics
- › Analytical Scientist, Pharmaceuticals
- › Assistant Analyst, Drug Control Centre
- › Chemical Industrial Placement

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Unit 3 – Chemistry in Society

3a Getting the Most from Reactants

- › Chief Chemist
- › Director of Medicinal Chemistry
- › Forensic Scientist
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Medicinal Chemist
- › Project Leader in Enhanced Experimentation, Shell
- › Quality Assurance Chemist
- › Registered Scientist, Water Quality
- › Scientific Associate
- › Senior Analytical Systems Technician
- › Sustainability Consultant
- › Sustainability Manager

3b Controlling the Rate

- › Director of Medicinal Chemistry
- › Head of Chemistry and Science Teacher
- › Project Leader in Enhanced Experimentation, Shell
- › Quality Assurance Chemist
- › Scientific Associate
- › Senior Analytical Systems Technician
- › Sustainability Consultant
- › Sustainability Manager

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Unit 3 – Chemistry in Society

3c Chemical Energy

- › Astrochemist
- › Atmospheric Chemist
- › Environmental Chemist
- › Head of Chemistry and Science Teacher
- › PhD Student
- › Project Leader in Enhanced Experimentation, Shell
- › Sports Scientist
- › Sustainability Consultant
- › Sustainability Manager

3d Equilibria

- › Atmospheric Chemist
- › Environmental Chemist
- › Head of Chemistry and Science Teacher
- › Project Leader in Enhanced Experimentation, Shell

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Unit 3 – Chemistry in Society

3e Chemical Analysis

- › Advanced Apprentice, Forensics
- › Analytical Scientist, Pharmaceuticals
- › Applications Chemist
- › Assistant Analyst, Drug Control Centre
- › Associate Researcher, Pharmaceuticals
- › Atmospheric Chemist
- › Chemical Industrial Placement
- › Director of IRC in Biomedical Materials
- › Director of Medicinal Chemistry
- › Environmental Chemist
- › Experimental Chemist
- › Fine Fragrance Evaluator
- › Forensic Scientist
- › Head of Chemistry and Science Teacher
- › Medicinal Chemist
- › Patent Attorney
- › PhD Student
- › Postdoctoral Research Associate
- › Project Leader in Enhanced Experimentation, Shell
- › Quality Assurance Scientist
- › Registered Scientist
- › Research Fellow
- › Researcher

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Unit 3 – Chemistry in Society

3e Chemical Analysis

- › Scientific Associate
- › Senior Analytical Systems Technician
- › Sports Scientist
- › Sustainability Manager
- › Vice President of Research and Development

Unit 4 – Researching Chemistry

4a Common Chemical Apparatus

- › Advanced Apprentice – Forensics
- › Analytical Scientist, Pharmaceuticals
- › Applications Chemist
- › Assistant Analyst, Drug Control Centre
- › Assistant Manager, Publishing
- › Associate Researcher, Pharmaceuticals
- › Chief Chemist
- › Chemical Industrial Placement
- › Consumer Products Technician
- › Director of Medicinal Chemistry
- › Environmental Chemist
- › Experimental Chemist

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Unit 4 – Researching Chemistry

4a Common Chemical Apparatus

- › Flavour Chemist and Innovation Director
- › Forensic Scientist
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Medicinal Chemist
- › Patent Attorney
- › PhD Student
- › Postdoctoral Research Associate
- › Project Leader in Enhanced Experimentation, Shell
- › Quality Assurance Chemist
- › Registered Scientist, Water Analysis
- › Research Fellow
- › Research Portfolio Director
- › Researcher
- › Scientific Associate
- › Scientist, Engineer and Science Communicator
- › Senior Analytical Systems Technician
- › Skincare Company Founder
- › Sports Scientist
- › Vice President of Research and Development

4b General Practical Techniques

- › Advanced Apprentice – Forensics
- › Analytical Scientist, Pharmaceuticals
- › Applications Chemist
- › Assistant Analyst, Drug Control Centre
- › Assistant Manager, Publishing

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Unit 4 – Researching Chemistry

4b General Practical Techniques

- › Associate Researcher, Pharmaceuticals
- › Chief Chemist
- › Chemical Industrial Placement
- › Consumer Products Technician
- › Director of IRC in Biomedical Materials
- › Director of Medicinal Chemistry
- › Environmental Chemist
- › Experimental Chemist
- › Flavour Chemist and Innovation Director
- › Forensic Scientist
- › Head of Chemistry and Science Teacher
- › Household Goods Scientist
- › Medicinal Chemist
- › Patent Attorney
- › PhD Student
- › Postdoctoral Research Associate
- › Project Leader in Enhanced Experimentation, Shell
- › Quality Assurance Chemist
- › Registered Scientist, Water Analysis
- › Research Fellow
- › Research Portfolio Director
- › Researcher
- › Scientific Associate
- › Scientist, Engineer and Science Communicator
- › Senior Analytical Systems Technician
- › Skincare Company Founder
- › Sports Scientist
- › Sustainability Consultant

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Unit 4 – Researching Chemistry

4b General Practical Techniques

- › Sustainability Manager
- › Vice President of Research and Development

4c Reporting Experimental Work

- › Advanced Apprentice – Forensics
- › Analytical Scientist, Pharmaceuticals
- › Applications Chemist
- › Assistant Analyst, Drug Control Centre
- › Assistant Manager, Publishing
- › Associate Researcher, Pharmaceuticals
- › Astrochemist
- › Atmospheric Chemist
- › Cancer Researcher and Science Communicator
- › Chemical Industrial Placement
- › Chief Chemist
- › Consumer Products Technician
- › Development Executive
- › Director of Enterprise and Communication
- › Director of IRC in Biomedical Materials
- › Director of Medicinal Chemistry
- › Environmental Chemist
- › Experimental Chemist
- › Finance and Planning Manager
- › Fine Fragrance Evaluator
- › Flavour Chemist and Innovation Director
- › Forensic Scientist
- › Freelance Science Publicist
- › Head of Chemistry and Science Teacher

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Unit 4 – Researching Chemistry

4c Reporting Experimental Work

- › Lab Technician, Solar Panels (Higher Apprenticeship)
- › Households Goods Scientist
- › Investor Relations Manager
- › Medical Research Council Board Secretary
- › Medicinal Chemist
- › Patent Attorney
- › PhD Student
- › Picture Researcher
- › Policy Advisor
- › Policy Researcher
- › Postdoctoral Research Associate
- › Project Leader in Enhanced Experimentation Shell
- › Project Manager, World Gold Council
- › Quality Assurance Chemist
- › Registered Scientist, Water Analysis
- › Research Fellow
- › Research Portfolio Director
- › Researcher
- › Scientific Associate
- › Scientist, Engineer and Science Communicator
- › Senior Analytical Systems Technician
- › Senior Committee Specialist
- › Skincare Company Founder
- › Sports Scientist
- › Sustainability Consultant
- › Sustainability Manager
- › Tax Accountant
- › Vice President of Research and Development