



Course Choice Information – Chemistry Higher

Course Information & Content

The Higher Chemistry course is comprised of the following areas:

- Chemical Changes and Structure
 - ◆ The topics covered are: ◆ periodicity ◆ structure and bonding ◆ oxidising and reducing agents
- Nature's Chemistry
 - ◆ The topics covered are: ◆ systematic carbon chemistry ◆ alcohols ◆ carboxylic acids ◆ esters ◆ fats and oils ◆ soaps ◆ detergents and emulsions ◆ proteins ◆ oxidation of food ◆ fragrances ◆ skin care
- Chemistry in Society
 - ◆ The topics covered are: ◆ getting the most from reactants ◆ controlling the rate ◆ chemical energy ◆ equilibria ◆ chemical analysis
- Researching Chemistry
 - ◆ common chemical apparatus ◆ general practical techniques ◆ reporting experimental work

Assessment

SQA assessment:

A final exam of a question paper worth 120 marks. This takes 3 hours.

An assignment which is worth 20 marks. This requires around 8 hours of work and is sent away to be marked externally by the SQA.

In class assessment:

Pupils will be assessed on each unit with end of unit written assessments which will measure their progress throughout the course.

Homework

Pupils will be provided with a variety of weekly homework exercises. These will include past paper questions, revision tasks etc.

Progression

Advanced Higher.

Career Options

Agrochemical industry | Analytical Chemistry | Biochemistry & Biotechnology | Ceramics Industry | Chemical Engineering | Dentistry | Environmental Chemistry & Law | Food Production & Chemistry | Forensic Science | Law | Materials Science | Medicine | Oil and Natural Gas Industry | Pharmaceuticals | Plastics & Polymer Industry | Veterinary

[Further Information - SQA](#)

