

Chemistry

SCIENCES



Content

The course includes the following areas of chemistry:

- Chemical changes and structure
- Nature's chemistry
- Chemistry in society
- Researching chemistry



Skills

Learners will be able to:

- apply knowledge and understanding of chemistry
- understand chemistry's role in scientific issues and relevant applications of chemistry, including the impact of these on society and the environment
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills, including scientific evaluation, in a chemistry context
- use technology, equipment and materials, safely, in practical scientific activities, including using risk assessments
- develop planning skills
- problem-solve in a chemistry context
- use and understand scientific literacy to communicate ideas and issues and to make scientifically informed choices



Opportunities for Learners

Learners will be able to:

- study matter and its interactions
- find out about and appreciate the application of chemistry in everyday contexts
- enjoy practical and experiential learning opportunities
- plan and design experiments/practical investigations
- process information, make predictions, and draw valid conclusions
- evaluate experiments/practical investigations



Assessment

- The course will be assessed through two question papers (exams) and an assignment, which will be marked by SQA and graded A to D.
- The question papers make up 80% of the total assessment mark.
- The assignment mark is scaled to make up 33% of the total assessment mark. The topic is chosen with guidance from the teacher/lecturer and must involve experimental work.



Question Paper

Section 1: Multiple choice questions (25 marks)

40 minutes

Section 2: Restricted and extended response questions (95 marks)

2 hours 20 minutes

Specimen Paper

www.sqa.org.uk/pastpapers/findpastpaper.htm

Assignment

Two stages: research and report. The whole assignment is recommended to take 8 hours max and the report is written up under timed conditions.

8 hours (of which, 2 hours max for the report stage)



Progression Higher courses can stand alone or follow on from National 5 qualifications and may lead to Advanced Highers, the Scottish Baccalaureate and a range of qualifications within Further and Higher Education.



For course information, specimen question papers and past paper guidance visit:

Higher Chemistry: www.sqa.org.uk/sqa/47913.html

Curriculum for Excellence Key Terms and Features Factfile

Education Scotland: <https://education.gov.scot/nationalqualifications>

Further Information for Parents and Learners Information on assessment, skills,

progression, revision resources and summaries of National Qualifications

www.parentforumscotland.org



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