

CHEMISTRY: HIGHER

**4 UNITS: CHEMICAL CHANGES AND STRUCTURE
NATURE'S CHEMISTRY
CHEMISTRY IN SOCIETY
RESEARCHING CHEMISTRY
COURSE ASSESSMENT: ASSIGNMENT + QUESTION PAPER**

Course Entry Requirements

Pupils should consider this course if they have achieved National 5 at A or B in the same course but could also consider this course if they have any other Science qualification at National 5 (grade A) or Higher (Grade A or B).

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

- To gain Higher Chemistry, learners must pass the four Units and the Course Assessment incorporating an Assignment and Question Paper (final exam)
- Units are assessed as pass or fail by the school/centre and are quality assured by the SQA. Achievement of Units is recorded on the learner's qualifications certificate
- The Course Assessment consists of an Assignment (20 marks) and a Question Paper (exam for 100 marks) which is in two sections (see below). These are marked externally by the SQA
- Higher Chemistry is graded from A to D or as No Award.

Question Paper (100 marks)

- Section 1: Multiple choice questions (20 marks) 2 hours 30 minutes
- Section 2: Restricted and extended response questions (80 marks)

Assignment (20 marks)

- An investigation into a relevant chemistry topic, with findings written up under timed conditions.

Progression - Higher progresses onto; -

- Advanced Higher in the same course (if Higher grade is A or B)
- Higher in any other science course (if Higher grade is C or above)