

DEPARTMENT

CHEMISTRY

LEVEL

NATIONAL 5

RECOMMENDED ENTRY LEVELS

Level 4 /National 4 Chemistry

Chemistry National 5 topics:

- **Chemical Changes and Structure.**
- **Nature's Chemistry**
- **Chemistry in Society**
- **Research assignment**

Methodology to promote the main aims of the subject is:

- Active learning tasks to develop scientific and analytical thinking skills in a chemistry context.
- Activities including practical work to promote problem solving skills.
- Develop an understanding of chemistry's role in scientific issues and relevance in society.

Homework:

This will be a mix of:

- developing and applying chemistry knowledge
- developing scientific and analytical thinking skills
- planning and designing experimental procedures
- research on chemistry issues and their impact
- pupils should make their own summary notes/mind maps each week to aid revision

Assessment:

Learners' progress will be measured through a number of internal assessments: a mix of knowledge and understanding tests, practical investigations and project presentations.

The course award is in 2 parts; a course assignment and an external exam. The purpose of the assignment is to assess the application of skills of scientific inquiry and related chemistry knowledge and understanding. The National 5 assignment is worth 20% of a candidate's overall grade.

The purpose of the question paper is to assess breadth, challenge and application of skills, knowledge and understanding from across the course. The question paper also assesses scientific inquiry skills and analytical thinking skills. The National 5 Chemistry external examination at the end of the course will last 2 hours 30 minutes and is marked out of 100.

On successful completion of the National 5 Chemistry the pupil may progress to Higher Chemistry.