

Laboratory Skills

National 5

Recommended Entry Requirements

Any Science
studied in
S3

Previous
knowledge of
Chemistry is
helpful

Progression through Science

National 5 Laboratory Skills can lead onto National 5 Chemistry or Biology or the NPA level 6 in Laboratory Science



Course Content

National 5 Skills for Work: Laboratory Science is an introductory qualification. The course provides a broad experiential introduction to laboratory science. Learners will explore a variety of industries and services, and career opportunities, in science laboratories locally, nationally, and globally.

Units:

- Working in a Laboratory
- Laboratory Science: Practical Skills
- Laboratory Science: Practical Investigation
- Careers Using Laboratory Science

Skills Developed

This National 5 course will build up the scientific skills of processing data, analysis, evaluation and drawing conclusions. The course will involve practical work and will develop scientific skills in the laboratory. Learners will develop the basic practical skills and knowledge needed for working in a laboratory: measuring, weighing and preparing compounds and solutions; and health and safety requirements. Practical skills in microbiology, measuring radioactivity, chemical handling and laboratory instrumentation also will be developed.

Assessment

The units are internally assessed and externally verified by SQA.

Related Careers

This course would provide useful skills for any student wishing to undertake further study in the sciences, going into employment or securing an apprenticeship in any scientific area.

Angela Merkel, Mayim Bialik, Dwayne 'The Rock' Johnson and Harry Hill all have degrees relating to Science!

