

**Curricular Area:** Science

**Course Title:** Skills for Work: Laboratory Science  
SCQF level 5

### Course Description

There are 4 units of study:

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

The course further develops the student's confidence and competence at handling laboratory apparatus, handling chemicals and preparing solutions. There is a heavy emphasis on being able to carry out practical work as an individual and following relevant safety procedures. Links are made with the work place to see how they use laboratory science in real life.



### Entry requirements

National 4 in Biology, Chemistry or Physics

### Assessment

The students' practical, numerical and literacy skills are continually assessed. Students decide when they have achieved competency at a particular technique and are then assessed. Working as part of a team is also assessed as are employability skills. Good attendance is essential to be able to complete all the continual assessments because there is no final exam.

### Home Study Expectations

Students are issued with home study fortnightly depending on the demands of part of the course. Home Study tasks will vary and could include research, practicing data handling skills and writing up experiments. Students will be also be expected to spend 20 minutes each week reading over their notes.

### Possible next level of study

SCQF Level 5  
Laboratory Science



National 4 Environmental Science  
or Biology or Chemistry or Physics

### Wider Achievement Opportunities

Students have many opportunities to explore and develop their investigative and practical skills in Laboratory Science. There are also opportunities to be involved in visits to working laboratories and interview visiting speakers.

### **Possible career path**

The study of Laboratory Science at this level is a good stepping stone to careers in the following industries; technician support in laboratories, food and drink, health sector, biomedical science to name just a few!

For more information see: <https://www.talentscotland.com/work/skills/science>