

Science

National 4

Why take this course?

National 4 Science provides a coherent progression from the discrete science subjects in S3. Students will develop a detailed knowledge and understanding of a variety of topics and practical experiments will allow students to develop an evidence-based approach to their learning. The scientific literacy, verbal and written communication, numeracy and analytical skills developed during this course are transferable across subjects and will be invaluable for life, learning and work. This course is aimed at students who would benefit from an alternative route to N5.

Course structure and Content

- Fragile Earth
 - metals
 - food

Students will investigate these resources through activities related to their source, origin, production and/or extraction. Uses and benefits will be explored. Conflicts and possible local, national, or global solutions will be identified. Learners will gain knowledge of how science is involved in environmental issues.

- Human Health

This Unit covers the individual's immediate health, expanding to taking responsibility for the family's health. It then looks at health within the community, and finally global issues affecting health.

- Applications of Science

This Unit lets learners explore science's contribution to communication technologies, new materials and how science helps the understanding of risk and how it can be reduced in modern life.

Course Assessment

The N4 Science Course is internally assessed. To achieve the course award students will be required to pass the unit assessments and complete an assignment as part of the added value unit.

Where might this course take me?

This course develops skills in problem solving, analysis and evaluation which are useful in a wide range of careers and further study.

This Course or its components may provide progression to:

- National 4 or 5 Course in another science subject
- Skills for Work Courses (SCQF levels 4 or 5)
- National Certificate Group Awards
- National Progression Awards (SCQF levels 4 or 5)
- employment