SCIENCE

@forries_science

Within the Science department we offer Biology, Chemistry and Physics in S4-6 at National 4 through to Higher, and Advanced Higher for Biology and Chemistry. We also offer a National 5 award in Laboratory Science.

BIOLOGY

Biology, the study of living things in all forms from the largest mammals to our microscopic DNA

- knowledge of biological systems and ecosystems
- an understanding of the ethics of complex issues
- anaytical and critical thinking skills
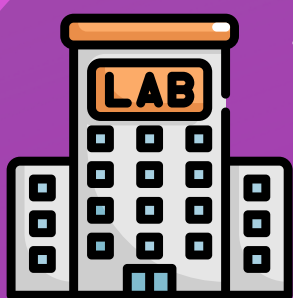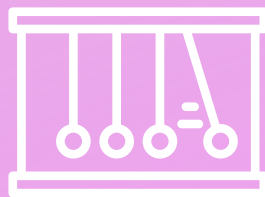- communication skills

CHEMISTRY

Chemistry is a natural science which explores the planet's resources and principles that underly the changes taking place around us.

- knowledge of the periodic table of elements
- an understanding of the dynamics of chemical reactions
- anaytical, investigative and critical thinking skills
- communication skills

PHYSICS

Physics – the study of matter, motion, energy and the universe. In these courses, learners will develop:

- knowledge of the underlying natural laws of our planet and its place in the universe
- an understanding of the sources of the energy we use
- an exploration of space
- communication and problem solving skills

LABORATORY SCIENCE

This National 5 Level course aims to develop scientific skills and abilities. Learners will:

- explore industries, services, and career opportunities in science
- develop laboratory based practical skills and knowledge
- health and safety requirements.
- Practical skills in microbiology, measuring radioactivity, chemical handling and laboratory instrumentation.

POSSIBLE CAREER PATHWAYS

- medicine
- dentistry
- engineering
- nursing
- oil and gas
- forensic science
- research and development
- radiography
- geophysics
- computing
- telecommunications
- oceanography
- sports science
- pharmacy

and many more!

More information is available here within our Senior School Course Choice Booklet

SQA link to **Biology**
SQA link to **Chemistry**
SQA link to **Physics**
SQA _link_ to Laboratory Science