

## What will I study?

### There are three units of study:

**Cell Biology:** This unit covers; cell structure, transport across cell membranes, DNA and the production of proteins, genetic engineering and respiration.

**Multicellular Organisms:** This unit covers; producing new cells, control and communication, reproduction, variation, inheritance and transport systems.

**Life on Earth:** This unit covers; ecosystems, distribution of organisms, photosynthesis, energy in ecosystems, food production and evolution of species.

## What skills will I develop?

A range of skills will be developed throughout the course. Some of the skills are listed below:

- Applying knowledge.
- Scientific inquiry and investigation.
- Scientific analytical thinking.
- Problem solving.
- Independent working.
- Use and understand scientific literacy in everyday contexts.
- Planning

## How will I be assessed?

**National 5** pupils complete an assignment in school and sit a final exam. Both of these are sent away to be marked.

**National 3 and 4** units are assessed in school by your class teacher. National 4 pupils also complete a project. This is completed in school and marked by your teacher.

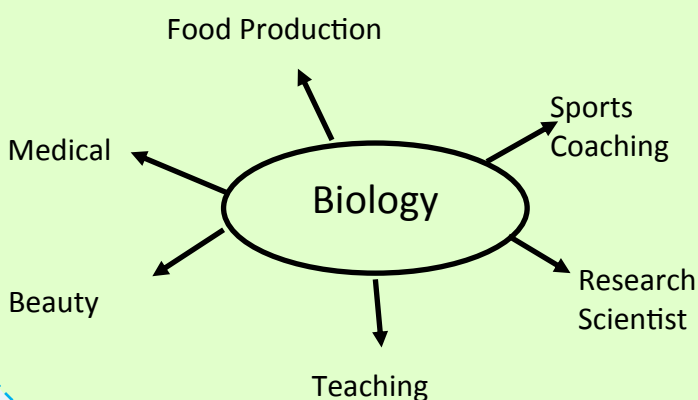
## What can I go on and study in fifth and sixth year?

**National 3** → National 4 Biology or National 3 Environmental Science.

**National 4** → National 5 Biology or another Science subject at National 4 level.

**National 5** → Higher Biology, Higher Human Biology or another Science subject at National 5 level.

## Possible Careers



## Need more info? -

[Nationals in a Nutshell](#)