

## What will I study?

### There are three units of study:

**Unit 1: DNA and the Genome.** This unit covers; structure of DNA, replication of DNA, control of gene expression, cellular differentiation, the structure of the genome, mutations, evolution and genomic sequencing.

**Unit 2: Metabolism and Survival.** This unit covers; metabolic pathways, cellular respiration, metabolism in conformers and regulators, environmental control of metabolism, genetic control of metabolism, ethical considerations in use of microorganisms, hazards and control of risks.

**Unit 3: Sustainability and Interdependence.** This unit covers; food supply, plant growth and productivity, plant and animal breeding, crop protection, animal welfare, symbiosis, social behaviour, mass extinction and threats to biodiversity.

## 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?

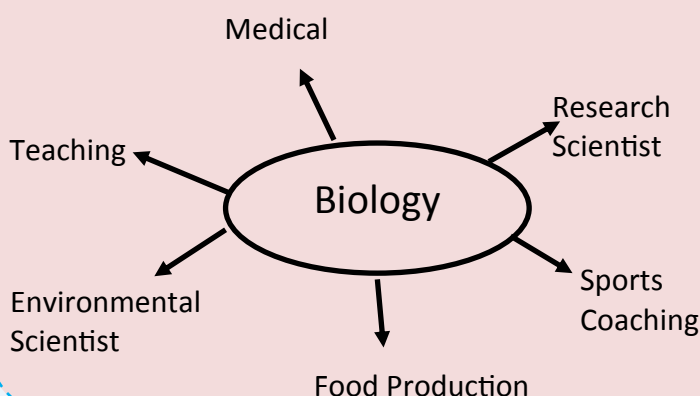
**Higher** units are assessed in school by your class teacher. Pupils complete an assignment in school and sit a final exam. Both of these are sent away to be marked.

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

**Higher** → Advanced Higher Biology

**Higher** → Another science subject at H level.

## Possible Careers



## Need more info? -

[Highers in a Nutshell](#)