



SKILLS

Year 11

- Make links between biological process and the impact on the environment
- Predict how biological systems will respond to external and internal changes
- Apply mathematical skills to biological contexts
- The use of specific terminology and keywords to increase impact of written responses

Year 10

- Application of scientific theory to unfamiliar contexts
- Represent biological reactions with symbol equations
- Understand how scientific theories change over time
- Identify the ethical issues associated with the application of scientific theory

Year 9

- Explore different levels of organisation in relation to the whole organism
- Use microscopes and prepare sample slides
- Use correct scientific terminology in written responses
- Link biological theory to applications in wider society

Year 8

- Represent biological reactions with word equations
- Evaluate the impact of lifestyle choices and diet on human health
- The application of simple mathematical skills to the biological context
- Link chemical tests with biological knowledge to test food samples

Year 7

- Focus on the use of the correct scientific terminology
- Use microscopes to observe cells and identify organelles
- Explore interdependence and begin to see the impact of specific changes
- Using a simple model to explain a complex idea

The future

- Study Biology at 6th form or colleges
- Biology is a key subject for lots of STEM careers, particularly in healthcare, medicine and jobs involving plants or animals

KNOWLEDGE

