



BIOLOGY - KS5

Year 12

Half Term 1

Cell structure.
Biological molecules.

Half Term 2

Biological membranes
Nucleotides and nucleic acids

Half Term 3

Cell division, cell diversity and cellular organization.
Enzymes

Half Term 4

Exchange surfaces.
Communicable disease, disease prevention and the immune system.

Half Term 5

Transport in animals.
Biodiversity.

Half Term 6

Transport in plants.
Classification and evolution.
Ecosystems.
Maths statistical tests.

Year 13

Half Term 1

Communication and homeostasis.
Excretion as an example of homeostatic control.
Neuronal communication.

Half Term 2

Hormonal communication.
Plant and animal responses.
Photosynthesis.
Respiration.

Half Term 3

Cloning and biotechnology.
Cellular control.
Manipulating genomes.

Half Term 4

Patterns of inheritance.
Ecosystems.
Populations and sustainability.

Half Term 5

Exam preparation.

Half Term 6

Exam preparation.

