



KS4

Biology Key Stage 4 Curriculum Overview

| | Autumn Term | Spring Term | Summer Term |
|----------------|---|---|---|
| Year 10 | Cells and Transport Enzymes and Digestion Environment Heart, Circulation and Respiration | Heart, Circulation and Respiration DNA and Inheritance Cell Division Human Defences and Communicable Disease | Biodiversity Plants and Photosynthesis |
| Year 11 | Plants and Photosynthesis Nervous System Hormones, Homeostasis and Human Reproduction | Clarification and Evolution Health Issues | Exams |



KS5

Biology Key Stage 5 Curriculum Overview

| | Autumn Term | Spring Term | Summer Term |
|----------------|---|---|--|
| Year 12 | Cells Biological Molecule Membrane Transport Enzymes Cell Division | Nucleic acids Gas exchange Adaptations for transport in plants Classification and Biodiversity | Adaptations for transport in animals Nutrition Human Impact on the environment |
| Year 13 | Importance of ATP Respiration, photosynthesis Nervous system Homeostasis The kidney | Populations and Ecosystems, Microbiology Variation and Evolution Inheritance Sexual Reproduction Application of Reproduction Genetics | Immunology and Disease (component 3 option topic) |