

BIOLOGY 3GCSE CURRICULUM CONTENT OVERVIEW

| Autumn Term | Spring Term | Summer Term |
|-----------------------------------------------------------------------------|------------------------------------------|------------------------------------|
| • Nature and variety of living organisms | • Blood and the heart in humans | • Plant tropisms |
| Cell structure, Cellular respiration | • Immune system | • Reproduction in flowering plants |
| • Biological molecules, enzymes, movement of substances in and out of cells | • Excretion: kidneys and the role of ADH | • Reproduction in humans |
| • Human food and digestion | • Nerves and Hormones | • Puberty, menstrual cycle |
| • Photosynthesis and leaf structure | • Homeostasis | • Revision |
| • Xylem and phloem in plants | • Human nervous system | |
| • Breathing in humans | • Human hormonal system | |

BIOLOGY 2GCSE CURRICULUM CONTENT OVERVIEW

| Autumn Term | Spring Term | Summer Term |
|----------------------------------------------|----------------------------|--------------------|
| • Inheritance, Genes, DNA | • Genetic Engineering | • Revision |
| • Cell division | • Cloning | |
| • Mutation | • Revision | |
| • Evolution | • Exam technique, practice | |
| • Ecology: Relationships between populations | | |
| • Nutrient cycles | | |
| • Acid rain, greenhouse effect, pollution | | |
| • Food Production | | |
| • Selective breeding | | |
| • How microorganisms make bread and yoghurt | | |