



Biology- Curriculum Overview

Year 11

| Half Term: | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|--------------------------|---|--|---|---|----------|----------|
| Topics: | 5.2.2 The Brain 5.2.3 The eye 5.2.4 Control of body temperature 5.3.1 Human endocrine system 5.3.2 Control of blood glucose concentration 5.3.3 Maintaining water and nitrogen balance in the body 5.3.3 Kidney function 5.3.3 ADH 5.3.3 Kidney failure 5.3.4 Hormones in human reproduction | 5.3.5 Contraception 5.3.6 The uses of hormones to treat fertility (HT only) 5.4.1 Control and coordination Germination required practical 5.4.2 Use of plant hormones 6.1.1 Sexual and asexual reproduction 6.1.2 Meiosis 6.1.3 Advantages and disadvantages of sexual and asexual reproduction 6.1.8 Sex determination 6.1.4 DNA and the genome 6.1.5 DNA structure 6.1.5 Protein synthesis (HT only) | 6.1.6 Genetic inheritance 6.1.7 Inherited disorders 6.2.1 Variation 6.2.2 Evolution 6.2.3 Selective breeding 6.2.4 Genetic engineering 6.2.5 Cloning 6.3.1 Theory of evolution | 6.3.2 Speciation 6.3.3 The understanding of genetics 6.3.4 Evidence for evolution 6.3.5 Fossils 6.3.6 Extinction 6.3.7 Resistant bacteria 6.4.1 Classification of living things | Revision | Revision |
| Assessment & End Points: | | STAR hwk: • Contraceptives • Meiosis STAR Test: • Endocrine system | STAR hwk: • Inheritance STAR Test: • Inheritance | STAR hwk: • Evolution STAR Test: • Variation + Evolution | | |