



KS3 Subject Content Information

Department: Science

Year 8 Summer Term (April-June)

Variation and Classification

- Variation
- Inheritance
- Classification
- Further classification of vertebrates

Ecological relations

- Habitats and adaptations to habitats
- Measuring populations
- Food chains
- Food webs

Year 9 Summer Term (April-June)

Heating and Cooling

- Measuring temperature
- Temperature difference and rate of cooling
- Thermal expansion
- Conduction, convection and radiation.

Magnetism

- Magnetic materials
- Magnet poles
- Magnetic fields
- Electromagnets

Year 10 Summer Term (April-June)

Electric Circuits

- Setting up and drawing a complete circuit
- Using an Ammeter to measure current
- Using a Voltmeter to measure voltage
- Comparing Series And Parallel circuits

Forces and Effects

- Measuring forces
- Balanced forces
- Friction
- Hooke's Law