



Year 7

## Welcome to Science !

### Working Scientifically

You will learn to light a Bunsen burner safely and think about how to ask and answer scientific questions.

You will learn how plan experiments then collect, record, analyse and evaluate data.

### KEY SKILLS:

Using a microscope

Make observations

Record observations

## Speed and Gravity

Balanced vs unbalanced forces

Speed

Distance Time graphs

## Ecosystems

Interdependence

Food chains and webs

Plant reproduction

## Electromagnets

Potential difference

Series and Parallel

Current

## Organisms

Cells – Animal vs Plant

Movement of the body

Joints

Specialised cells

## Matter

The particle model

States of matter

Changes of state

### KEY SKILLS:

Making observations

Using symbols & formulae

Word equations

## Separating techniques

Substances and mixtures

Evaporation

Chromatography

### KEY SKILLS:

Charting experimental observations

Clear calculations

To Year 8 ...

