



## Year 4 Science Key Objectives Taken from the National Curriculum

**1 Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers**

**2** Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables

**3** Using straightforward scientific evidence to answer questions or to support their findings.

**4** Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment

**5** Describe the simple functions of the basic parts of the digestive system in humans

**6** Construct and interpret a variety of food chains, identifying producers, predators and prey.

**7** Compare and group materials together, according to whether they are solids, liquids or gases

**8** Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

**9** Recognise that vibrations from sounds travel through a medium to the ear

**10** Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers

## Year 4 Science Key Objectives Summarised form

**1 Take accurate measurements using a range of scientific apparatus**

**2** Present findings using tables, graphs and charts as appropriate

**3** Use straightforward evidence in support of ideas

**4** Use a classification key to identify plants or animals

**5** Describe the simple functions of the basic parts of the digestive system in humans

**6** Construct and interpret a variety of food chains, identifying producers, predators and prey.

**7** Compare and group materials together, according to whether they are solids, liquids or gases

**8** Explain the main stages of the water cycle

**9** Recognise that vibrations from sounds travel through a medium to the ear

**10** Construct a simple series electrical circuit, identifying and naming its basic parts

