



Year 6



Statutory Requirements:

- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- Give reasons for classifying plants and animals based on specific characteristics

Working Scientifically:

- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations

Key Knowledge:

- Living things can be classified into five kingdoms: plants, animals, fungi, monera and protists.
- Animals can be classed as fish, reptiles, mammals, birds, amphibians, and invertebrates.
- Characteristics such as scales, limbs, wings and beaks, eggs and live young can be used to classify animals.
- Characteristics such as leaf type, pollination, seed type and flower type can be used to classify plants.

Key Vocabulary:

- | | | |
|------------------|-------------|-------------------|
| ➤ Classification | ➤ Protist | ➤ Vertebrate |
| ➤ Characteristic | ➤ Class | ➤ Invertebrate |
| ➤ Kingdom | ➤ Amphibian | ➤ Flowering Plant |
| ➤ Animal | ➤ Reptile | ➤ Algae |
| ➤ Plant | ➤ Bird | ➤ Moss |
| ➤ Fungi | ➤ Mammal | ➤ Lichen |
| ➤ Monera | ➤ Fish | ➤ Fern |

Key Scientists:



Classic
Evelyn Cheesman (1881 – 1969)
Anthropologist who collected 70,000 specimens.



Contemporary
Gerald Durrell (1925 – 1995)
Started the Durrell Wildlife Conservation Trust



Contemporary
Kaddu Sebunya (???? –)
President of the African Wildlife Foundation.