

SCIENCE YEAR 1

WORKING SCIENTIFICALLY

During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- ❖ asking simple questions and recognising that they can be answered in different ways
- ❖ observing closely, using simple equipment
- ❖ performing simple tests
- ❖ identifying and classifying
- ❖ using their observations and ideas to suggest answers to questions
- ❖ gathering and recording data to help in answering questions.

PLANTS

Pupils should be taught to:

- ❖ identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- ❖ identify and describe the basic structure of a variety of common flowering plants, including trees.

ANIMALS, INCLUDING HUMANS

Pupils should be taught to:

- ❖ identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- ❖ identify and name a variety of common animals that are carnivores, herbivores and omnivores
- ❖ describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
- ❖ identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

EVERYDAY MATERIALS

Pupils should be taught to:

- ❖ distinguish between an object and the material from which it is made
- ❖ identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- ❖ describe the simple physical properties of a variety of everyday materials
- ❖ compare and group together a variety of everyday materials on the basis of their simple physical properties.

SEASONAL CHANGES

Pupils should be taught to:

- ❖ observe changes across the four seasons
- ❖ observe and describe weather associated with the seasons and how day length varies.