

Year 1 Programme of study

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.

Year 1 Programme of study - (Statutory Requirements)

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.

Light	<p>Pupils should be taught to:</p> <ul style="list-style-type: none"> □ observe and name a variety of sources of light, including electric lights, flames and the Sun. □ associate shadows with a light source being blocked by something.
Everyday materials	<p>Pupils should be taught to:</p> <ul style="list-style-type: none"> □ 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	<p>Pupils should be taught to:</p> <ul style="list-style-type: none"> □ observe changes across the four seasons □ observe and describe weather associated with the seasons and how day length varies.