

Science Key Skills

Year 1

Working scientifically	To ask simple questions
	To observe closely, using simple equipment
	To perform simple tests with assistance
	To sort based on simple criteria
	To record results in simple diagrams and charts
Biology - Plants	To identify and name a variety of wild and garden plants including deciduous and evergreen trees
	To identify and describe the basic structure of a variety of common plants and trees (leaves, flower, stem etc.)
	To sort plants based upon characteristics I have observed
	To use the local environment throughout the year to study plants growing in its habitat
	To observe the growth of plants that I have planted
	To know that some of the food we eat comes from plants
Physics - Seasonal changes	To observe changes across the four seasons
	To observe and describe weather associated with the seasons
	To observe and describe how day length varies
Chemistry - everyday materials	To distinguish between the object and the material from which it is made
	To identify and name a variety of everyday materials (including wood, plastic, glass, metal, water and rock)
	To describe the simple physical properties of everyday materials
	To compare and group a variety of everyday materials based on their simple physical properties
	To describe materials (hard/soft, stretchy/not stretchy, shiny/dull, rough/smooth, bendy/rigid)
	To investigate what would be the best material for a particular use
Biology - Animals including humans	To identify and name a variety of common animals (including fish, amphibians, reptiles, birds and mammals)
	To identify a variety of common animals which are carnivores, herbivores and omnivores
	To describe the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)
	To compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)
	To identify, name, draw and label the basic parts of the human body
	To name the parts of the body associated with each sense
	To use the local environment throughout the year to study animals in their habitat
	To explain how to treat animals with care and sensitivity