

Science Overview - Year 1



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	Plants	Animals (including humans)	Plants	Animals (including humans)	Materials	
	<i>Seasonal changes - 1 lesson per half term to cover this with an emphasis on the children's observations of these changes.</i> • observe changes across the four seasons • observe and describe weather associated with the seasons and how day length varies.					
NC links	Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees	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	Identify and describe the basic structure of a variety of common flowering plants, including trees.	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.	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	
Skill breakdown	Identify, name, describe, observe, compare and contrast, explore	Identify, name, describe, compare, draw, label, observe, grouping		Describe, compare, Identify, name	Distinguish, identify, name, describe, compare, group, explore, discuss,	

Key vocabulary	Wild/garden plants, deciduous, evergreen, bulb, seed, trunk, branch, stem. <i>+names and pictures of wild/garden plants and trees.</i>	Fish, amphibians, reptiles, birds, mammals, carnivores, herbivores, habitat, environment	Deciduous, evergreen, structure, habitat, growth, flowers, petals, roots, bulb	senses (nose ears, hands, mouth, eyes), fish, amphibians, reptiles, birds, mammals, carnivores, herbivores, environment	,Materials, hard/soft, stretchy/firm, stiff/flexible, shiny/dull, rough/smooth, bendy, waterproof/absorbent, opaque/transparent
Scientific equipment	Magnifying data loggers.	Magnifying data loggers.	Magnifying data loggers.	Magnifying data loggers.	Magnifying data loggers.