



YEAR 1	
COMPONENT SKILL Working Scientifically	
Questioning	To ask simple questions
Observations/Measurements	To make close observations
	To identify and classify objects
	Begin to state similarities and differences
COMPONENT SKILL Scientific Knowledge	
Animals, including Humans	Identify and name a variety of common animals, including fish, amphibians, reptiles, birds and mammals
	Identify and name whether an animal is a carnivore, herbivore or omnivore.
	Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals)
	Identify, name, draw and label the basic parts of the body and say which part of the body is associated with each sense.
Plants	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. (roots, stem/trunk/leaves and flowers)
Seasonal Changes	Observe changes across the four seasons.
	Observe and describe weather associated with the seasons and how day length varies.
Materials	Year 1: 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. (hard/soft, rough/smooth, waterproof/not waterproof, absorbent/not absorbent, opaque/not opaque).
	Compare and group together a variety of everyday materials on the basis of their simple physical properties (hard/soft, rough/smooth, waterproof/not waterproof, absorbent/not absorbent, opaque/not opaque).
COMPONENT SKILL Scientific Investigations	
Animals, including humans	Is our sense of smell better when we can't see?
Plants	Which will grow taller a runner bean or a sunflower?
Seasonal Changes	In which season does it rain the most?
Materials	Which material will sink or float?
COMPONENT SKILL Linked Science Careers	
Animals, including humans	Zoologist
Plants	Botanist
Seasonal Changes	Meteorologist
Materials	Materials Engineer
COMPONENT SKILL Linked Scientist	

Animals, including humans	David Attenborough
Plants	Janaki Ammal
Seasonal Changes	Holly Green
Materials	Charles Mackintosh