



Science Assessment – Knowledge - Year 1/2

Cycle A	Working Towards	On Track
	know about similarities and differences in relation to living things	identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
	make observations of animals and plants...and talk about changes	Identify and describe the basic structure of a variety of common flowering plants, including trees
	know about similarities and differences in relation to materials	distinguish between an object and the material from which it is made
		compare and group together a variety of everyday materials on the basis of their simple physical properties
		describe the simple physical properties of a variety of everyday materials
	make observations of animals and plants and explain why some things occur, and talk about changes.	identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
	make observations of animals and plants and explain why some things occur, and talk about changes.	describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene
observe changes across the four seasons		
	observe and describe weather associated with the seasons and how day length varies	

Plants	Properties of materials	Animals including humans	Seasonal changes	<p style="text-align: center;">Once an objective has been covered it becomes Bold It is assumed child has achieved this objective at 'on track' unless they are indicated at WT</p>
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Cycle B	Working Towards	On Track
	they make observations of animals and plants...and talk about changes	find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.
	make observations of animals and plants...and talk about changes	observe and describe how seeds and bulbs grow into mature plants
	know about similarities and differences in relation to materials	identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
		find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
	know about similarities and differences in relation to living things	notice that animals, including humans, have offspring which grow into adults
	make observations of animals and plants and explain why some things occur, and talk about changes.	find out about and describe the basic needs of animals, including humans, for survival (water, food, air)
	know about similarities and differences in relation to living things	explore and compare the differences between things that are living, dead, and things that have never been alive
	talk about the features of their own immediate environment and how environments might vary from one another.	identify and name a variety of plants and animals in their habitats, including micro-habitats
	make observations of animals and plants	identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food		

Plants	Use of everyday materials	Animals including humans	Living things in their habitats	<p>Once an objective has been covered it becomes Bold</p> <p>It is assumed child has achieved this objective at 'on track' unless they are indicated at WT</p>
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