



Science Curriculum: Year 2/3 – Cycle B

What are the aims and intentions of this curriculum?

That children:

- are allowed to explore and discover the science in the world around them.
- are provided with the opportunities to develop their curiosity and to ask questions.

Term	Topic	Knowledge	Skills	Assessment
Autumn 1 & 2	Animals (including humans)	Know that animals, including humans, have offspring that grow into adults. Know the basic needs of animals, including humans (water, food, air). Know that: <ul style="list-style-type: none"> • Exercise • Eating the right amounts of different foods • Hygiene are all important to humans.	Name. Describe. Identify. Ask questions. Research (using secondary sources). Explore e.g. use of exercise on the body.	
Spring 1	Use of everyday materials	Know the suitability of a variety of everyday materials (wood, metal, plastic, glass, brick, rock, paper and cardboard) for a particular use. Know that the shapes of solid objects can be changed by squashing, bending, twisting and stretching.	Identify different materials. Classify materials. Compare materials. Ask questions (that can be investigated or researched). Gather/record information Report on findings	
Spring 2	Plants	Know how seeds and bulbs grow into mature plants. Know that plants need water, light and warmth to grow and stay healthy.	Name Identify plants. Observe plants, seeds and bulbs. Groups plants Gather information Report on findings	



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Summer 1 & 2	Living Things and their habitats	<p>Know the difference between things that are living, dead and things that have never been alive.</p> <p>Know that most living things live in a habitat to which they are suited.</p> <p>Know that different habits provide the basic needs of different animals and plants.</p> <p>Know how plants and animals depend on each other.</p> <p>Know the names of plants and animals and their habitat (including micro-habitats).</p>	<p>Classify.</p> <p>Recognise (know) which animals live in which habitat.</p> <p>Use ideas to create e.g. simple food chain.</p> <p>Ask questions</p> <p>Collect evidence</p> <p>Record information.</p> <p>Notice patterns.</p> <p>Draw conclusion</p>	
<p><u>Principal Focus:</u></p> <ul style="list-style-type: none">• Look more closely at the natural & humanly constructed World around them.• Encouraged to be curious and ask questions about what they notice• Help to develop their understanding of scientific ideas by using different types of scientific enquiry to answer their own questions (Including, over time noticing patterns, grouping and classifying)• Use simple scientific language to talk about what they have found out• Communicate their ideas to a range of audiences				