

Science Curriculum Map 2023-2024

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Sound*					
	Humans	Plants	Forces and Magnets	Animals	What can I grow?	
		Light		Living things and habitats		
Reception	Humans		What are things made from?	Animals	Forces and Magnets	Light
			Living things and habitats	Plants*	+ Earth and Space vocab*	
1	Do Living Things Change or Stay the Same? - Seasonal changes					
	What are Bodies and What can they do? Animals including humans Humans basic structure and senses		What are materials? Everyday Materials Types and properties of materials		What is Alive? Plants Common names and basic structure	
2	How can Living Things Stay Healthy? Healthy bodies and minds	How do we Choose Materials for a Purpose? Uses of Everyday Materials Bend, twist, squash		How can Living Things Stay Healthy? Animals including humans	What do Living Things Need to Survive? Living things and their habitats	What do Living Things Need to Survive? Plants Growing plants
3	How do Living Things Work? Animals including humans Skeletons and movement	Are all Rocks the Same? Rocks		How do Things Move? Forces and Magnets	How do Living Things Work? Plants	What is the Dark? Light Shadows and reflective surfaces
4	Can we Control Electricity? Electricity	Is Water Always Wet? States of Matter Properties of 3 states of matter, changing states	How do we hear different Sounds? Sound	What Do Our Bodies Do With The Food We Eat? Animals including humans, Teeth and Digestion		Are Living Things in Danger? Living things and their habitats Biodiversity, classification and care of environments
5	How do things move? Gravity and friction Gears, levers and pulleys		Sun, Earth and Moon: What is moving? Earth and Space Movement of the planets and the Moon; Shape of the Earth, Sun and Moon	Can we change materials? Properties and Changes of materials Reversible/Irreversible changes	Do all lifecycles look the same? Living things and their habitats Observing lifecycles/reproduction	How do our bodies change as we get older? Animals including humans Lifecycles and reproduction in humans (SRE)
6	How do our bodies work? Animals including humans Circulatory system	How do our choices affect how our bodies work? Keeping healthy - diet and lifestyle Animals including humans	How do we see? Light Light travels in straight lines	Can we vary the effects of Electricity? Changing components, use symbols	Living Things: What's the same and what's different? Living things and their habitats Classification	How do living things change over time and place? Including adaptations Evolution and inheritance

EYFS Notes

Electricity (Nursery)
Sound (Reception)
Earth and Space (Reception)

These are essential vocabulary only.

There is no requirement to teach a unit of planned activities for these EYFS science areas.

Essential vocabulary must be taught across the year and must be assessed to make sure it is secure.

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*Plants (Reception)

This is not a curriculum requirement. Therefore not a specific taught unit. It exists as enrichment and as a logical extension to Nursery learning as a bridge to Year 1.