

SCIENCE LONG TERM PLAN

Cycle / Class	Autumn		Spring		Summer	
Class 1 N/R (1 year cycle)	Animals, excluding humans Key features /respect for environment (N) • Recognise some environments that are different to the one in which they live (YR)		Humans Use senses/ key features of plant & animal life cycles (N) • Talk about members of their immediate family and community. • Name and describe people who are familiar to them. (YR)	Plants Use senses/ materials/ plant seeds & grow plants (N) Living things and their habitats Use senses/ material properties/ respect for environment (N) • Draw information from a simple map. • Explore the natural world around them. • Describe what they see, hear and feel whilst outside. • Recognise some environments that are different to the one in which they live. (YR)	Materials, including changing materials Differences between properties & changes that notice (N) • Explore the natural world around them. • Describe what they see, hear and feel whilst outside (YR)	Electricity Explore how things work (N) Light Explore how things work (N) Describe what they see, hear and feel whilst outside. (YR) Forces Explore how things work / Talk about how different things feel (N) • Explore the natural world around them. • Describe what they see, hear and feel whilst outside. (YR) Sound Explore how things work (N) • Describe what they see, hear and feel whilst outside. (YR)
	Earth & Space (YR) Light & Astronomy (N) – Seasonal Changes – Explore the natural world around them. • Describe what they see, hear and feel whilst outside. • Understand the effect of changing seasons on the natural world around them (YR) Observe changes in plants and animals in the local environment throughout the year (Y1)					
Class 1 Y1 (1 year cycle)	Animals incl. Humans Other animals Identify & name a variety of animals/Describe and compare structures.			Plants Identify, name & describe/ observe growing	Materials Everyday materials	Animals incl Humans Identify, name, draw & label parts of human body.

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Class 2 2024/2025	Y2 Living things and their habitats Y2 Plants (growing seeds and bulbs outside)					
	Animals incl. Humans / Health Basic needs/ exercise/ food & hygiene (Y2) Health & Nutrition (Y3)	Animals incl. Humans Skeletons & Movement (Y3)	Animals incl. Humans Teeth & Digestion (Y4)	Plants Plant reproduction & growth (Y2) requirements for healthy growth (Y2)		Materials & their uses (Y2)
						Rocks (Y3)
Class 2 2025/2026	Y3 Plants (gathering evidence of life cycles)					
	Sound (Y4)	Electricity (Y4)	Plants (Y3) (parts and their functions and investigating growth)		Forces and Magnets (Y3)	Material Properties (Y4) States of Matter Solids/ liquids/ gases
Class 2 2026/2027	Y4 Living things and their habitats (naming and identifying living things in the local environment)					
		Animals incl. Humans / Environment Survival & growth (Y2) / Humans have offspring (Y2)	Animals incl. Humans / Environment Living Things & their Habitats (Y4)		Light & Astronomy (Y3)	Material Changes States of Matter (Y4)
Class 3 2024/2025	Light & Astronomy Earth & Space (Y5)	Environment Living things & their habitats- Classification (Y6)	Environment Evolution & Inheritance (Y6)	Forces (Y5)	Properties & Changes of Materials incl reversible & irreversible changes (Y5) (States of Matter (Y4) (Only for 26/27))	
Class 3 2025/2026	Light & Astronomy (Y3) (Only for 25/26 & 26/27)	Electricity (Y6)	Health Keeping healthy – diet & lifestyle (Y6)	Plants (Y3) (Only for 25/26)	Animals incl. Humans Circulatory System & Exercise (Y6)	Animals incl. Humans Human life cycles (incl. reproduction) (Y5)
	Animals incl. Humans / Environment Living Things & their Habitats (Y4) (Only for 26/27)					
	Environment/Plants Living things & their habitats – observing life cycles incl. plants (Y5)					