



Science Long Term Plan 2025-2026 – Cycle 1

BIOLOGY

CHEMISTRY

PHYSICS

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R Cycle 1	Me and My World My body	Autumn Changes Seasons	Celebrations Exploring materials- melting/ freezing	From Farm to Fork Animals/ Healthy Eating	Transport Exploring materials- Floating/Sinking	Everyday Heroes How do plants grow?
Year R Cycle 2	All About Me My body	Houses and Homes Exploring materials	Polar Explorers Seasons	Dinosaurs Fossils and Skeletons	Under the Sea and Minibeasts Habitats	Plants Plants
Outdoor Learning	Seasonal nature walks, mini-beast hunts, weather exploration, gardening, exploring outdoor materials, life cycles in action, forest school activities.					
1/2 Cycle 1	Changing materials (Toys) 6 sessions	Pushes and Pulls 8 sessions	Animal lifecycles 7 sessions	Making New Plants 8 sessions	Seasons 7 sessions	
1/2 Cycle 2	Describing materials 6 sessions	Changing materials (Buildings and Clothes) 8 sessions	Animal survival 7 sessions	Habitats 7 sessions	Plants 8 sessions	
Outdoor Learning	Identifying, classifying plants and watching them grow; Identifying, naming, comparing variety of animals; observing seasonal changes; Identifying, comparing and grouping materials. Working Scientifically: Ask questions, observe closely, perform simple tests, identify and classify, gather and record data.					
3/4 Cycle 1	Light 6 sessions	Making electrical circuits work 6 sessions	Digestion 7 sessions	Animals, Skeletons, Movement 6 sessions	Plant Reproduction 7 sessions	Mixtures and separating them 8 sessions
3/4 Cycle 2	Magnets 6 sessions	Living things 8 sessions	Solids, Liquids and Gases 8 sessions	Rocks and soils 4 sessions	Plants and their food production 8 sessions	
Outdoor Learning	Identifying parts of plants and functions, exploring requirements for growth, investigating life cycles and pollination; group animals based on their diet and features, compare and group different rocks; recognise light sources; understand shadows and reflection; investigating friction, pushes and pulls; compare solids, liquids and gases; understand changes of state to inc. evaporation and condensation; grouping living things; classification and changes to environment; Working Scientifically: Ask questions, setting up practical investigations, taking measurements, recording data					

