



2024-2025 Science Unit Overview

Term	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Me and my Feelings (Use all their senses in hands- on exploration of natural materials)	All about me/Autumn (Seasonal changes)	Our Bodies and Senses	Everyday Materials	Rocks and Soils	Sound	Earth and Space	Light (light travels in straight lines)
Autumn 2	Bears – (Environmental factors and living things)	Let’s Celebrate (Scientific Investigation)	Seasonal Changes	Scientists and inventors Tim Smit & Nicholas Grimshaw	Forces and Magnets	Electricity (Simple circuits, conductors/ insulators)	Properties of Materials	Electricity (Variations of components’ functions)
Spring 1	Once Upon a Time (Materials and their differences)	Superheroes (Healthy eating)	Animals including Humans (Identification)	Plants (Lifecycle, basic needs)	Light (Reflection, shadows)	States of matter	Living Things and their Habitats (Lifecycles)	Animals including Humans (Circulatory system)
Spring 2	People who help us (Health and self - care)	On the Farm (Life cycles and minibeasts)	Everyday Materials	Living Things and Their Habitats (Microhabitats, simple food chains)	Animals including Humans (Nutrition, skeletons)	Animals including Humans (Digestive system, food chains)	Forces	Evolution and Inheritance
Summer 1	Food Glorious Food and Growing (Caring for plants)	On the Move (How do things move?)	Plants (Identification of plants and structure)	Animals Including Humans (Basic needs, healthy living)	Plants (Function of plant structure)	Living Things and their Habitats (Classification, environments)	Animals including Humans (Changes as humans grow old)	Living Things and their Habitats (Classification, observable characteristics)
Summer 2	Minibeasts (Lifecycles of animals)	Under the Sea (Floating and sinking)	Scientists and inventors Mae Jemison	The Environment	Scientists and Inventors – Marie Curie	Scientists and Inventors – Alexander Graham Bell	Scientists and Inventors – Margaret Hamilton	Scientists and inventors – Dr Daniel Hale Williams & Marie Maynard Daly