



Trawden Forest Primary School Science Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Early Learning Goals	Observations of plants and animals in local area, changing seasons	Our bodies – features and naming parts Senses Growing	Materials – Freezing and melting properties of ice Polar animals adaptations	Floating and sinking Science Fair	Animals – types, features Lifecycles Naming, sorting and grouping Minibeasts	Exploring how things move, forces, Seasonal changes
Year 1	Everyday materials – naming of materials and their properties		Human body and senses	Plants – basic structure and observing growth over time	Animals including humans	
Year 2	Seasonal Changes – Autumn to Winter	Living things and habitats	Humans - Human health and nutrition;	Uses of everyday materials - suitability of different materials for particular uses Local Walk – Seasonal Changes	Uses of everyday materials - suitability of different materials for particular uses Scientific Investigations	What humans need to survive, human growth and exercise requirements for plant growth Local Walk – Seasonal Changes
Year 3	Light	Rocks & soils	Forces and magnets	Animals including humans (Skeleton & Nutrition)	Plants	
Year 4	Sound	Electricity	States of Matter	States of Matter	Animals including Humans	Living Things & their Habitats
Year 5	Materials and their Properties	Reversible and irreversible changes	Earth and Space	Forces	Human Life Cycles RSE	Living things and their Habitats
Year 6	Classification	Light	Electricity	Animals including humans		Evolution and inheritance



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Science in EYFS		
Three and Four-Year-Olds	Communication and Language	<ul style="list-style-type: none"> Understand 'why' questions, like: "Why do you think the caterpillar got so fat?"
	Personal, Social and Emotional Development	<ul style="list-style-type: none"> Make healthy choices about food, drink, activity and toothbrushing.
	Understanding the World	<ul style="list-style-type: none"> Use all their senses in hands-on exploration of natural materials. Explore collections of materials with similar and/or different properties. Talk about what they see, using a wide vocabulary. Begin to make sense of their own life-story and family's history. Explore how things work. Plant seeds and care for growing plants. Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things. Explore and talk about different forces they can feel. Talk about the differences between materials and changes they notice.
Reception	Communication and Language	<ul style="list-style-type: none"> Learn new vocabulary. Ask questions to find out more and to check what has been said to them. Articulate their ideas and thoughts in well-formed sentences. Describe events in some detail. Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen. Use new vocabulary in different contexts.