



Science Long Term Plan 2025-2026



Year	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F
Christian Value	Thankfulness	Trust	Perseverance	Justice	Service	Truthfulness
	Families: Who am I?	Winter: A New Season	Celebrations	Spring Animals	Growing	Summer
2-3 Nursery	Past and Present Exploring Autumn – Listening walk and found materials. Tuning into environmental sounds. Our families What do I look like? Similarities and differences	Explore speed, sound and rhythm in body percussion. Special objects and treasures in our environment	Experimenting with materials by tearing, cutting, rolling and folding Big Garden Birdwatch	Exploring Spring and changes in our environment New Life – baby chicks, life cycles Planting seeds and bulbs, watching them grow Experiment with different ways of making objects travel over a distance e.g. rolling, throwing, kicking, pushing, pulling, using apparatus such as drainpipes	Learning to identify, sort, categorise and replicate sounds. Investigating the importance of recycling Observing changes in our garden and local environment	At the beach: floating, sinking and capacity Becoming aware of health, exercise and nourishing food
	I Am Special	What's Happening Outside?	Traditions and Cultures	Moving and Exploring	Growing and Changing	Animals and Habitats
3-4 Nursery	Life cycle- newborn babies Malleable materials making bread Playing games- moving like different animals Exploring Autumn – Autumn Walk Day and night-time animals	Compare and match sounds Explore the seasons collect autumn leaves and seeds Light and Dark – day and night Autumn Gardening Day	Problem solving making bridges to cross the river- how else could goat's cross Senses- Tasting Chinese food Using blocks and construction kits to make furniture for the three bears/ bridges for the billy-goat outdoors on a big scale with outlast blocks	Constructing vehicles, rockets with outlast blocks and loose parts Looking for signs of Spring outside Understanding how things move- push and pull, floating and sinking Earth in Space	Understanding growth and change: Living eggs Caterpillar lifecycle Planting seeds and understanding of how to grow a plant Sorting parts of a flower, stem/petal/ leaves pots Exploring summer/investigating shadows	Making simple predictions about what might happen next Exploring with playdough to make bug/minibeasts fossils Dear Zoo animals footprint cards Exploring sea animals Minibeast hunt Making a wormery



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						Talking about natural and found objects: sticks, twigs, straw and stones/pebbles
Reception	All Creations Great and Small	My World and Beyond	Superheroes	Exploring Traditions and Cultures	The Great Outdoors	Under the Sea/Pirate Adventure
	Exploring Autumn Human Body: Discovering the 5 senses Animals: From Minibeasts to Dinosaurs	Light and Dark Exploring the night sky and planets	Recycling and taking care of our world Exploring what rubbish does to our environment and animals	New Life and Life-Cycles	Conservation and Plastic Pollution in the ocean Materials: floating and sinking through boat building Exploring metallic and non-metallic objects	Planting and Growing through the life cycle of a bean
Year 1	Plants	The Human Body: 5 Senses	Everyday Materials	Animal Groups	Animal Diets	Seasonal Changes
Year 2	Growing Plants	Materials and their uses	Animal Needs	Local Habitats	Habitats and Micro-habitats	Food Chains and Health
Year 3	Structure and Function of Plants	Lights and Shadows	Rocks and Fossils	Animals and Humans	Forces and Magnets	Bee project
Year 4	States of Matter	The Human Body: Digestive System & Teeth	Sound	Classification of Living things	Electricity – Simple Circuits	The History of Science
Year 5	Properties and Changes of Materials	Earth and Space	Forces and Movement	Life-Cycles and Reproduction	Living things and their habitats Classifying living things, Life cycles of mammals	The Scientific Method
Year 6	The Human Body:	Light and Seeing Things	Electricity – Complex Circuits	Evolution and Inheritance	Living things: Further Classification	Preparing for Secondary Science



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	Circulatory System					
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Science Discipline	Area of Learning Definition
Biology	Study of living things. 'Bio' is Ancient Greek for life.
Chemistry	What everything is made of and how it works.
Physics	Helps us understand how objects, forces and energy all interact. Physical things.
Additional Science Opportunities	Opportunities for children to learn about science history, scientific method, complete project work and environmental science.