

# Latchford St James Church of England Primary School

## Science Long Term Plan



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Animals Including Humans Humans - Health and growth. Parts of the body and human needs	Animals Including Humans Animals – Animal needs and categories	Everyday Materials Naming and sorting everyday materials	Everyday Materials Properties of materials	Plants Structure of a plant/tree and what it needs to grow (Planting and Growing)	Plants Types of plants and trees (Planting and Growing)
	Seasonal Changes – Ongoing across the year					
Year 2	Living Things and their Habitats Habitats Alive/Dead/Never Alive	Living Things and their Habitats Simple food chains	Animals Including Humans Health and growth. Healthy living in humans (eating, exercise and hygiene).	Everyday Materials Identifying and comparing, changing materials and recycling	Plants Observing plants and lifecycles	Plants What plants need to grow
Year 3	Animals Including Humans Humans – Nutrition, skeletons and muscles	Animals Including Humans Animals – Nutrition and skeletons	Rocks and Soils Types of rocks and process of fossilisation	Forces and Magnets Magnetic forces	Plants Life cycle of flowering plants and water transportation	Light Light and shadows
Year 4	Electricity Creating simple circuits	Sound Vibrations, pitch and volume	States of Matter Solids, liquids and gases and The Water Cycle	Animals Including Humans Digestion, Teeth and Food Chains	Living Things and their Habitats Animal habitats	Living Things and their Habitats Plants and human impact
Year 5	Properties and Changes of Materials Properties of a range of materials	Properties and Changes of Materials Changes in materials	Forces Air and water resistance. Levers, pulleys, gears and gravity	Earth and Space Sun, Earth and Moon	Living Things and their Habitats Life cycles and reproduction	Animals Including Humans Human development
Year 6	Electricity Create simple circuits and drawing symbols	Light Sources of light, reflections and shadows	Living Things and their Habitats Micro-organisms, plants and animals	Living Things and their Habitats Vertebrates and Invertebrates	Evolution and Inheritance Evolution and Adaptation	Animals Including Humans Circulatory System and lifestyle effects