

# Science Long Term Plan



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Making connections. Our family and other families. How are we like members of our family? Genetic inheritance.	Exploring natural materials in the woodland.	Investigating magnets – what materials attract/repel? Exploring ice/ice melting Growing potatoes Explore polar animals and where they live	Materials Plants Changes – reversible and irreversible	Life cycles Floating and sinking Plants	Plants
Year 1	Animals including humans human bodies and senses	Animals including humans animals and pets	Seasonal Change	Everyday Materials physical properties	Plants Identifying and needs	Everyday Materials suitability of materials testing
Year 2	Animals including humans Human needs and life cycle	Living things and their habitats animals and insects	Everyday materials properties (elasticity, bounciness, stretchiness)	Everyday Materials suitability	Plants Life cycles and testing	Living Things and their habitats microhabitats
Year 3	Animals including humans – nutrition , skeletons and muscles	Light	Rocks Fossils, rock types, testing	Forces and Magnets Poles, predictions and testing	Plants Roots and shoots (parts, requirements and water transport)	Plants Flower part functions, fruits and seed dispersal
Year 4	Electricity Parts of a circuit, simple circuits, testing	States of Matter Changes in states and facts	Sound Testing	Living things and their habitats Classification and habitats	Animals including humans – teeth and diets	Living things and their habitats changes to habitats
Year 5	Earth and Space Planets, night and day	Forces air, water, gravity	Properties of Materials Properties of materials	Changes of Materials Reversible and irreversible changes	Living things and their habitats Classification, life cycles	Animals including humans Changes through puberty
Year 6	Light Lights and sight	Electricity Buzzers, circuits, testing	Living things and their habitats Classification and environment	Evolution and inheritance	Animals including humans The Heart and blood	The Science of Sport Testing and application of science in the world of sport – pupil led project.