



## St Joseph's Catholic Primary School: Science Long-Term Plan 2020-2021

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS						
Year 1	Everyday Materials (identifying different materials)	Seasonal changes (observe seasonal changes Autumn/Winter)	Materials and their Properties (comparing and describing properties)	Animals Including Humans (basic parts of human body and comparing animals, identify a variety of animals)	Plants (structure of a plant)	Seasonal changes (observe seasonal changes Spring/Summer)
Year 2	Plants (what plants need to grow, the functions of different parts of flowering plants)  Living things and their habitat Explore a variety of habitats, including micro-habitats)	Animals Including Humans (needs for survival: food, exercise and hygiene)	Uses of different Materials (changing shape and uses of materials)			
Year 3	Plants (different parts of a plant, what they need to survive, transportation of water, life cycle of flowering plants)	Animals Including Humans (nutrition, skeleton and muscles)	Forces and Magnets (magnetic materials, attracting and repelling)	Rocks (compare and group different fossils and soils)	Light (reflection and shadows)	



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Year 4	States of matter (comparing and grouping materials together)	States of matter (changes of state, evaporation and condensation)	Sound (vibration, pitch and volume)	Living things and their habitats (classification)	Animals Including Humans (digestive system, teeth and food chains)	Electricity (simple circuits and conductors)
Year 5	Forces (gravity, air resistance, water resistance, friction)	Properties and changes of materials (properties of materials, dissolving, separating materials, reversible and irreversible changes)	Living Things and Their Habitats (life cycles and reproduction in plants)	Earth and Space (Earth, Sun and Moon, the solar system)	Earth and Space (Earth, Sun and Moon, the solar system)	Animals including humans (development from birth to old age, reproduction in humans SRE)
Year 6	Animals Including Humans (circulatory system, diet and exercise, healthy living)	Electricity (voltage and power in circuits)	Living Things and Their Habitats (classification)	Light (how light travels, how we see, shadows)	Evolution and inheritance (how living things have changed over time, fossils, dinosaurs, adaptation to environment)	Animals Including Humans (SRE)