

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	<p><i>EYFS Early Learning Goals</i></p> <p>The Natural World ELG • Explore the natural world around them, making observations and drawing pictures of animals and plants • Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Managing Self ELG Manage their own basic hygiene and personal needs, including dressing, going to the toilet, and understanding the importance of healthy food choices.</p> <hr/> <p><i>Birth to 5 (Development) Matters</i></p> <p>Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world • Talks about why things happen and how things work • Developing an understanding of growth, decay and changes over time • Shows care and concern for living things and the environment • Begin to understand the effect their behaviour can have on the environment.</p>					
Year 1	Animal groups and structure including pets. Name animal groups and structure (mammals, fish, etc.) Name herbivore, carnivore, omnivore.	Human body and senses. Naming senses and sense organs.	Day length and seasons Observe seasonal changes, observe seasonal weather, observe day length by season.	Everyday materials & performing simple tests Identify, name and sort materials by properties.	Weather and seasons Observe seasonal changes. Link to Animals including humans: (non-statutory) Observe animals and plants in the local environment.	Plants & performing simple tests. Naming plants, deciduous and evergreen trees, basic structure of a plant.
Year 2	Living things and their habitats Living vs dead and not living. Food chains.	Animals including humans Survival needs and offspring.	Use of everyday materials Suitability and uses of materials, changing by squashing, bending, etc. Bouncy tyres investigation.	Plants Seeds and bulbs. Needs and conditions for growth.	Living things and their habitats Habitats and microhabitats.	Animals including humans Healthy diet, exercise & hygiene.

ST MARY'S WHOLE SCHOOL CURRICULUM OVERVIEW – SCIENCE 2025/26

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Year 3	Plants Functions of the parts of a plant for lifecycle and survival), water transport system.	Rocks Types of rocks and soil and fossil formation.	Forces and magnets Push, pull, magnetic forces and magnets.	Animals including humans Nutrition (for animals from what they eat).	Animals including humans Skeletons and muscles.	Light Light to see, reflections, shadows.
Year 4	Sound Sounds as vibrations, pitch, volume, distance.	States of Matter Comparing, grouping and changing. Water cycle.	Animals including Humans Teeth and digestion. Food chains.	Living things and their Habitats Groups and classification. Environmental change.		Electricity Electrical appliances, simple series circuits, lamps, batteries, switches.
Year 5	Living Things and their Habitats Plant lifecycles and reproduction.	Science: Forces Gravity, air and water resistance, friction, levers, pulleys, gears.	Earth and Space (Link to Cosmic Disco) Solar system and movement of planets and the moon, day and night related to Earth's rotation.	Living Things and their Habitats Lifecycles of Animals and plants Reproduction	Materials and changes Compare and group by properties (including conductivity, solubility). States of matter.	Animals including Humans Changes as humans get older.
Year 6	Animal including Humans (Circulatory System) Heart, health, nutrition and transport of water and nutrients.	Light Light travels in straight lines, we see objects because they reflect light (in straight lines) and shapes that make shadows block the straight lines of light.	Living Things and Their Habitats Creating dichotomous keys online to classify animals and plants	Evolution – Evolution, fossils, offspring, adaptations.	Electricity - Creating electric circuits to make a working toy Voltage, diagrams of circuits.	