

Science Long Term Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2 Science Week - Mar	Summer 1	Summer 2
EYFS	<p>Me and My Community Our Body, Senses Body parts How our body's change Unique – similarities and differences. Identifying our senses</p>	<p>Starry Night Space, Exploring outer space. Discovering why rockets are important. Seasons – School Grounds</p>	<p>To The Rescue Materials, Forces Living and non-living. Different types of Materials. Materials can change shape and melt. Pushing and pulling, floating and sinking.</p>	<p>What Lies Beneath Beach, Plants Investigating sandcastles, measuring footprints in the sand. Discover that plants are living things, looking after plants Seasons - Platford Swan Pond</p>	<p>Prehistoric Predators Animals, Food Looking at different animals, needs for survival Looking at dinosaurs Where food comes from and how to stay healthy. School pond</p>	<p>Wriggle and Crawl Insects & Invertebrates Finding out about insects and invertebrates including finding out where they live. Seasons - Platford Swan Pond Barleylands Trip</p>
Year 1	<p>Memory Box Animals Including Humans – All About Me Body parts Our senses and what they do. Visitor from Moorfields Eye Hospital.</p>	<p>Moon Zoom Materials – 1 Identifying and naming materials Objects and materials they are made from. Properties, including investigating floating and sinking, waterproof and absorbent.</p>	<p>Child Hood Animals Including Humans – Animals Animal families, mammals,birds, amphibians, reptiles, fish Food and diet Pets and wild animals Characteristics of animals. School pond</p>	<p>Splendid Skies Seasonal Change Introducing the four seasons. Detailed study of autumn, winter, spring, summer. Investigating rainfall. Raphel park Trip.</p>	<p>Street Detectives Materials - 2 Understanding properties of everyday materials. Investigating structures and strength. Revisiting waterproofing. Looking at the suitability of materials.</p>	<p>The Enchanted Wood Plants Understanding the relationship between seeds and plants. Identifying parts of plants and trees. Deciduous and evergreen. Fruits and vegetables. Investigating plant growth. RHS Garden Hyde Hall</p>
Year 2	<p>Movers & Shakers Animals Including Humans – Growth Survival, humans and animals. Healthy life styles, balanced diet, exercise and hygiene.</p>	<p>Muck Mess & Mixtures Materials – Uses of Everyday Materials Identifying materials and their uses. Understanding suitability of materials. Looking at how materials can be changed, reversable and non-reversable. Pizza Express Trip Scientists – Charles Macintosh, John McAdams.</p>	<p>Bright lights Big City Animals Including Humans – Life Cycles Human life cycles – adults to old age. Matching offspring to parents. Life cycles of a chicken, butterfly and frog. School pond</p>	<p>Land Ahoy Plants Seeds and bulbs. Investigating what plants need to grow and stay healthy. Life cycles, observe and record growth over time. Environmental adaptations.</p>	<p>Wriggle & Crawl Living Things and Their Habitats Living ,dead, never been alive. Microhabitats, food and survival, food chains. From farm to supermarket.</p>	<p>Coastlines & Beach Combers Living Things and Their Habitats – Around the World. Habitats, Changing environments, Rainforests, Oceans, Arctic and Antarctic. Design a habitat. Chalkwell Beach Trip</p>

