VALENCE PRIMARY SCHOOL
Subject Overview

Science Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Materials + Forces - push/pull	Light	Body Parts	Habitats + animal types	Plants + Minibeasts Habitats	Sealife, Habitats + Forces - float + sink
Reception	Humans + Seasonal Change	Seasons and change Earth + Space Light	Sound Fossils - dinosaurs	Plants + habitat	Animals Forces – push/pulls	Animals Habitats Materials
	N&R: Understanding the World – The Natural World 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.					
Year 1	Animals including humans part 1	Identifying materials	Seasonal changes	Plants	Animals including humans part 2	Animals including humans part 3
Year 2	Use of everyday materials	Materials: Properties related to changing shape and moulding	Animals including humans: diet and exercise	Plants	Living things	Habitats
Year 3	Forces and Magnets	Animals including humans: movement and feeding	Fossils, rocks and soil	Light; light and shadows	Plants; parts and functions, requirements for growth	Plants; identifying plants in the local area and looking at the life cycle of a plant
Year 4	Electricity	Animals Including Humans; Human Nutrition, Teeth and digestion	Living Things and their Habitats	Sound	Animals Including Humans; Food chains, Living Things and their Habitats	States of matter: solids, liquids, gases inc water cycle
Year 5	Forces	Earth and space	Types of Change: solids, liquids and gases	Properties of materials	Separating mixtures	Living things and their habitats

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Year 6	Classifying living things based on similarities and differences	Light and Sight	Animals including humans; body pump, human Heart, circulatory system and blood	Evolution and inheritance Change in living things overtime Explanation text: How do Polar region creatures evolve?	Science Project: Linked to KS2 Science National Curriculum	Electricity – representing and creating a circuit.