







Year 2 Science Long Term Plan

Year 2	Autumn 1 & Summer 1	Autumn 1, Autumn 2, Spring 2, Summer 1	Autumn 2 & Spring 2	Spring 1	Summer 1	Summer 2
Science Topic	Living Things & Their Habitats	Plants - Plant Growth	Uses of Everyday Materials	Animals Including Humans: How We Grow and Stay Healthy	Living Things & Their Habitats: Food Chains	Animals Including Humans: Offspring
Science Substantive Knowledge	<ul style="list-style-type: none"> Explore and compare the differences between things that are living, dead, and things that have never been alive. Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. Identify and name a variety of plants and animals in their habitats, including micro-habitats. 	<ul style="list-style-type: none"> Observe and describe how seeds and bulbs grow into mature plants Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy (and how changing these affects the plant) 	<ul style="list-style-type: none"> Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, water, rock, paper and cardboard for particular uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching (applying a force) 	<ul style="list-style-type: none"> Notice that humans have offspring which grow into adults. Find out about and describe the basic needs of humans, for survival (water, food and air). Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. 	<ul style="list-style-type: none"> Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. 	<ul style="list-style-type: none"> Notice that animals have offspring which grow into adults. Find out about and describe the basic needs of animals for survival (water, food and air).

Plan		Do			Review	
Ask questions and plan an enquiry 	Set up an enquiry 	Observe and measure 	Record 	Interpret and report 	Evaluate 	
Ask simple questions and recognise that they can be answered in different ways*.	Perform simple tests	Observe closely, using simple equipment.	Gather and record data to help in answering questions.	Use their observations and ideas to suggest answers to questions. Identify and classify. Use appropriate scientific language to communicate ideas.		