

Whitefield Primary School – Long Term Curriculum Overview – Year 1/2

Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1/2 LC	How does my body work?	Why were Neil Armstrong and Buzz Aldrin very brave?	What happens after ‘Once upon a time?’	Why can’t a meerkat live at the north Pole? Why is the Wii/x box more fun than my grandparents’ toys?	Where’s Nemo?	Why would you want to be beside the seaside?
Science area	Animals including humans/living things and habitats		Everyday materials	Seasonal changes/Living things and habitats	Animals including humans/living things and habitats	
NC links	<p><u>Working scientifically (KS1)</u></p> <ul style="list-style-type: none"> ● asking simple questions and recognising that they can be answered in different ways ● observing closely, using simple equipment ● performing simple tests ● identifying and classifying ● using their observations and ideas to suggest answers to questions ● Gathering and recording data to help in answering questions. 					
	<p>Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. (Y1)</p> <p>Notice that animals, including humans, have offspring which grow into adults (Y2)</p> <p>Find out about and describe the basic</p>	<p><u>Whitefield developed curriculum topic</u></p> <p>Identify and name sources of light</p> <p>To explain what darkness is</p> <p>Compare brightness of light sources</p> <p>To understand</p>	<p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock (Y1)</p> <p>Distinguish between an object and the material from which it is made (Y1)</p> <p>Describe the simple physical properties of a variety of</p>	<p>Observe changes across the four seasons (Y1)</p> <p>Observe and describe weather associated with the seasons and how day length varies (Y1)</p> <p>Investigate ‘Which day is the wettest driest?’ (observation over</p>	<p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals (Y1)</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores (Y1)</p> <p>Identifying and classifying</p>	

	<p>needs of animals, including humans, for survival (<i>water, food and air</i>) (Y2)</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene (Y2)</p> <p>Investigate 'Are taller people always older?'</p> <p>Read the discovery dog story</p> <p>Order children from oldest to youngest and use post it notes to record how tall each child is on a wall.</p> <p>Record:</p> <p>Take photograph and explain findings using voice recorder</p>	<p>that the sun is a source of light</p> <p>To investigate 'Which material makes the best dog collar?'</p> <p>Read the discovery dog story</p> <p>Record:</p> <p>Order the materials from best to least reflective. (prediction)</p> <p>Order again after testing the collar.</p> <p>Use the dark tent!</p>	<p>everyday materials (Y1)</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1)</p> <p>Investigate 'Which material would be best to mop up a puddle?'</p> <p>Read discovery dog story.</p> <p>Children use different materials to mop up puddles in the trays on the tables or floor?</p> <p>Measure how much puddle is left after one or 2 wipes.</p> <p>Literacy link:</p> <p>Advertise the best material</p>	<p>time)</p> <p>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 (Y2)</p> <p><u>Whitefield developed curriculum topic</u></p> <p>Recognise a push and a pull force</p> <p>Observe how forces and change the speed and direction of objects</p>	<p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets) (Y1)</p> <p>Identify and name a variety of plants and animals in their habitats, including micro-habitats (Y2)</p> <p>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. (Y2)</p>	
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