



Reception/KS1 Science Curriculum Plan

Reception/ Year 1/ Year 2	Autumn Christmas		Spring Easter		Summer	
Year A	<p><u>Animals, including humans</u> Identify and name a variety of common animals. Identify and name a variety of common animals that are carnivores, herbivores and omnivores. Describe and compare the structure of a variety of common animals.</p>	<p><u>Animals, including humans</u> Notice that animals, including humans, have offspring which grow into adults. Find out about and describe the basic needs of animals, including humans, for survival (water, food and air). Describe the</p>	<p><u>Everyday materials</u> Distinguish between an object and the material from which it is made. Identify and name a variety of everyday materials. Describe the simple physical properties of a variety of everyday materials. Compare and group together a variety of</p>	<p><u>Use of everyday materials</u> Identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick, 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,</p>	<p><u>Seasonal changes</u> Observe changes across the four seasons. Observe and describe weather associated with the seasons and how day length varies. Recap of Topics children struggled with. Go for a hunt for</p>	<p>Recap of Topics children struggled with. Make a home for an insect or small creature</p>



	<p>Identify name, draw and label the basic parts of the human body.</p> <p><u>Living things and their habitats</u></p> <p>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.</p> <p>Look up at the stars on a clear night</p>	<p>importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p> <p><u>Living things and their habitats</u></p> <p>Identify and name a variety of plants and animals in their habitats, including micro-habitats.</p> <p>Simple food chains.</p> <p>Look up at the stars on a clear night</p>	<p>everyday materials on the basis of their simple physical properties.</p> <p>Make a paper boat and see if it floats</p> <p><u>Plants</u></p> <p>Identify and name a variety of common wild and garden plants.</p> <p>Identify and describe the basic structure of a variety of common flowering plants, including trees.</p> <p>Plant some bulbs and</p>	<p>twisting and stretching.</p> <p>Make a paper boat and see if it floats</p> <p><u>Plants</u></p> <p>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.</p> <p>Start a vegetable patch</p>	<p>some insects or small creature</p>	
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			watch them grow			
Year B	<p><u>Everyday materials</u></p> <p>Distinguish between an object and the material from which it is made.</p> <p>Identify and name a variety of everyday materials.</p> <p>Describe the simple physical properties of a variety of everyday materials.</p> <p>Compare and group together a variety of everyday</p>	<p><u>Use of everyday materials</u></p> <p>Identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</p> <p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>	<p><u>Animals, including humans</u></p> <p>Identify and name a variety of common animals.</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores.</p> <p>Describe and compare the structure of a variety of common animals.</p> <p>Identify name, draw and label the basic parts of the human body.</p> <p><u>Living things and</u></p>	<p><u>Animals, including humans</u></p> <p>Notice that animals, including humans, have offspring which grow into adults.</p> <p>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and</p>	<p><u>Seasonal changes</u></p> <p>Observe changes across the four seasons</p> <p>Observe and describe weather associated with the seasons and how day length varies.</p> <p>Recap of Topics children struggled with.</p> <p>Go for a hunt for some insects or small creature</p>	<p>Recap of Topics children struggled with.</p> <p>Make a home for an insect or small creature</p>



	<p>materials on the basis of their simple physical properties.</p> <p>Make a paper boat and see if it floats</p> <p>Plants</p> <p>Identify and name a variety of common wild and garden plants.</p> <p>Identify and describe the basic structure of a variety of common flowering plants, including trees.</p> <p>Plant some bulbs</p>	<p>Make a paper boat and see if it floats</p> <p>Plants</p> <p>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.</p> <p>Start a vegetable patch</p>	<p>their habitats</p> <p>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.</p> <p>Visit a farm</p> <p>Discover what is in a pond</p>	<p>hygiene.</p> <p>Living things and their habitats</p> <p>Identify and name a variety of plants and animals in their habitats, including micro- habitats.</p> <p>Simple food chains.</p> <p>Visit a farm</p> <p>Discover what is in a pond</p>		
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	and watch them grow					
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Activity passport experiences