



DARE to Learn Curriculum
Science

National Curriculum Coverage

Year Group		Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B	
EYFS	Question to explore...	What makes me Magical?	?? Were there Elves in the Stable?	Whose are those claw marks and where do they go? LOCAL STUDY	Would you find a Polar bear in the Rainforest?	What can you find in the ocean?	Do all Superheroes fly?	
	Scientific Skills	Ask simple questions, observe closely, identify and classify, perform simple tests. EYFS Understanding of the World Coverage HYPERLINK						
	EYFS Coverage	Comment and ask questions about aspects of their familiar world such as the place where they live or the natural world	UoW: Understand some important processes and changes in the natural world around them, including seasons and changing states of matter.	Make observations of plants/animals and explain why some things occur and talk about changes. Make observations of animals.	Know the properties of some materials and suggest some of the purposes they are used for UoW: Know some similarities and differences between the natural world around them and contrasting environments.	Show care and concern for living things and the environment Know that the environment and living things are influenced by human activity Explore basic scientific concepts such as floating, sinking and experimentation	Describe some actions which people in their own community do that help to maintain the area they live in	



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Year 1	Question to explore...	<i>Is there a man in the moon?</i>	?? <i>What's for Christmas dinner?</i>	<i>What's growing in Mr McGregor's garden?</i> <i>Which creature has the sharpest teeth?</i>	<i>Can baking bread change a city?</i>	<i>Is plastic fantastic?</i> LOCAL STUDY
	Scientific Skills	Observe closely and/or over time , comparative and fair testing , Identifying and classifying , pattern seeking , recording data , Researching using secondary sources . (See skills coverage doc HYPERLINK HERE!!)				
	NC Coverage	<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.</p> <p>Observe changes across the four seasons.</p> <p>Observe and describe weather associated with the seasons and how day length varies. (Autumn)</p>	<p>Observe and describe weather associated with the seasons and how day length varies. (Autumn)</p> <p>Revisit: using our senses to describe food.</p>	<p>Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Identify and describe the basic structure of a variety of common flowering plants, including trees.</p> <p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. 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 (fish, amphibians, reptiles, birds and mammals, including pets).</p>	<p>Distinguish between an object and the material from which it is made.</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.</p> <p>Describe the simple physical properties of a variety of everyday materials.</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<p>Distinguish between an object and the material from which it is made.</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</p> <p>Describe the simple physical properties of a variety of everyday materials. Observe and describe weather associated with the seasons and how day length varies. (Summer)</p>



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Year 2	Question to explore...	How long does it take to fly around the world?	Where do stories come from? Did all Victorians Rock around the Christmas tree? LOCAL STUDY	What's growing in the forest?	What happens at Sea? LOCAL STUDY	What are we Eating?	
	Scientific Skills	Observe closely and/or over time, comparative and fair testing, Identifying and classifying, pattern seeking , recording data , Researching using secondary sources . (See skills coverage doc HYPERLINK HERE!!)					
	Gathering and recording data / Observe closely (sometimes using equipment)						
	NC Coverage	Identify and compare the suitability 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, twisting and stretching. Art & Design Link	Yr 1 revisit: Observe and describe weather associated with the seasons and how day length varies. Geography/ Yr 1 revisit: Identify seasonal weather patterns in the UK, hot and cold places.	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. 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. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. 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.	Explore and compare the differences between things that are living, dead, and things that have never been alive. Identify and compare the suitability 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, twisting and stretching.		Identify and name a variety of plants. Observe and describe how seeds and bulbs grow into mature plants. Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. Revisit: Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. Revisit: Notice that animals, including humans, have offspring which grow into adults.



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