



Year 2 Science Curriculum Plan

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Science	<p>Floating and Sinking</p> <ul style="list-style-type: none"> -making model boats -carrying out observations, using simple equipment - suggesting answers to questions - performing simple tests -recording data in a table -gathering and recording data to help in answering questions. 	<p>Heating and Cooling Investigation Unit (Flammable materials and 'Escape from the Ice')</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>Uses of everyday Materials</p> <ul style="list-style-type: none"> -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 	<p>Animals and Humans/Ourselves</p> <ul style="list-style-type: none"> -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 importance for humans of exercise, eating the right amounts of different types of food, and hygiene 	<p>Plants</p> <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 	<p>Living things and their habitats</p> <p>Food Chains and Habitats/Puffin Project</p> <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



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						-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
Cross curriculum link	History and Geography link to Grace Darling and RNLI topic DT link - making boats	History - Link to Gunpowder Plot - burning and flammable materials	Geography Link to China topic - what material would be suitable for the Emperor to wear in the rain?	English - Non-chronological report 'All About Being Healthy' DT - Designing and making fun fruit faces	English - mini-theme of The Enchanted Wood and Magic Faraway Tree Maths - measuring in cm (growth of plants) Art - observational drawings and William Morris printing	English - Animal Fact Files Geography - Deserts Topic Art and DT - desert in a shoebox including desert animals
Trip opportunities	RNLI Whitstable			Trip to the farm?	Trip to the Woods	
Enrichment Opportunities	Drama Workshop with Mrs West - Grace Darling Rescue	Drama Workshop with Mrs West - the Gunpowder Plot		Apple workshop		