



Science Curriculum Map 2019/20

Year	Term	Topic	In school	Helpful hints at home:
Year 2	Autumn	How could you be the next Katarina Johnson-Thompson or Theo Walcott? Ourselves Movement	<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. The children will:</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 amount of different types of food, and hygiene.	<p>Read books about animals and lifecycles. Talk about food and exercise that you and your child do at home. Keep a '5-a-day' and an exercise sticker chart at home. Talk about hand washing at home – when do they wash their hands? How do they wash their hands</p>



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	2 nd half Autumn term	Where did my rubbish go? Everyday materials	The children will: <ul style="list-style-type: none">• Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, rock, brick, 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.• Investigate the importance of recycling.	Talk to your child at home about different types of materials in the house. Look at different materials when you are walking to school. What is the community centre, church made of? What are the pavements made of? Which objects in the home can change shape by being squashed, bent, twisted and stretched. What do you recycle at home?
	Spring	Why would a dinosaur not make a good pet? Habitats	<ul style="list-style-type: none">• Explore and compare 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	You could talk to your child about their own or other family pets – the things that they need to survive. Look on the internet to find out what dinosaurs would have needed and compare the differences. Make a junk model dinosaur land and photograph it or bring it into school.?



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			<p>kinds of animals and plants, and how they depend on each other;</p> <ul style="list-style-type: none">• Identify and name a variety of plants and animals in their habitats, including micro-habitats;	
	Summer term	How can you be the next Master Chef? Plants	<p>The children will:</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 suitable temperature to grow and stay healthy.	<p>With your child, prepare a meal and invite someone special, such as their grandparents. Write an invitation and then lay the table and ensure that their guest is well cared for.</p>