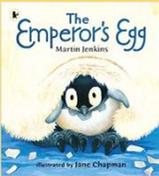


Science Year Planner Reception

Term	Autumn 1	Autumn 2	Spring 2	Summer 1
Topic or Stand-Alone?	Topic: All about me	Stand Alone: Plane journey to 4 contrasting environments e.g. The Polar Regions, The Rainforest, The Desert and our Local Environment. (Links to Geography.)	Stand Alone= Seasons (Also drip feed all year and then cover all 4 seasons briefly. Links to Geography.)	Topic: Minibeasts
Enquiry Questions:	How do I look after my body?	How does ice change?	What happens in Spring?	What is a life cycle?
5 a Day Texts:				
Understanding the World EYFS Framework	ELG PSED: Managing Self Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.	ELG UTW: The Natural World Understand some important processes and changes in the natural world around them, <u>including states of matter.</u>	ELG UTW: The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants. Understand some important processes and	ELG UTW: The Natural World Explore the natural world around them, making observations and drawing pictures of animals. Understand some important processes and changes in

			changes in the natural world around them.	the natural world around them.
Knowledge Content	<ul style="list-style-type: none"> • I know the importance of oral hygiene. (Includes tooth brushing workshop.) • I know how to look after our bodies and our own personal hygiene. (Include hand washing experiment.) • I know the importance of eating a variety of fruit and vegetables. (Include Lizzy the cook visiting.) 	<ul style="list-style-type: none"> • I know ice/ice cream, chocolate and bread, can change states. • I know that some changes cannot be undone. • I know that some changes can happen more than once. 	<ul style="list-style-type: none"> • I understand and can talk about the growth of plants in Spring. E.g. daffodils, tulips • I understand and can talk about growth and new life in the Spring. E.g. chicks, lambs, • I can name and describe some plants and animals that I am likely to see in Spring. 	<ul style="list-style-type: none"> • I know what a life cycle is. • I can describe the life cycle of a ladybird, butterfly and frog. • I know animals change as they grow.
Skills Content	<ul style="list-style-type: none"> • I know how to brush my teeth efficiently. • I can independently go to the toilet and wash my hands. • I can independently dress myself. • I can make healthy food choices. 	<ul style="list-style-type: none"> • I can use my senses and hands to explore the changes of states. 	<ul style="list-style-type: none"> • I can make observations. • I can draw from observation plants and animals. 	<ul style="list-style-type: none"> • I can observe animals and minibeasts closely. • I can draw pictures of minibeasts and animals from observations. (Zoo and Discovery Garden) • I can select equipment and materials to use to create an animal

				<p>habitat e.g. a bug hotel.</p> <ul style="list-style-type: none"> I can use my senses to explore the outdoor environment.
Sequence of lessons	<p>L1= Oral Hygiene L2= Washing hands L3= Getting dressed (Practise zips etc.) L4= Healthy eating workshop (Lizzie)</p>	<p>L1= Ice play L2= Chocolate experiment L3= Toast</p>	<p>L1= Explore outdoor environment looking for signs of spring. L2=Growth of plants in Spring (draw observations) L3= Growth of animals in Spring (draw observations) L4= Name and describe plants and animals seen at Spring</p>	<p>L1= Visit from Marks Ark, Mini beasts Hunt in Meadow, Bug hotels L2= Life cycles L3= Life cycles L4= Trip to Newquay Zoo, draw pictures of animals</p>
Vocabulary:	<p>hygiene washing clean oral care toothbrush toothpaste bacteria germs soap sanitiser bubbles dirty illness healthy food unhealthy food</p>	<p>ice ice cubes water salt heat cold melt freeze solid liquid changing state room temperature</p> <p>observe practical enquiry prediction</p>	<p>grow roots shoots stem leaves daffodil tulip temperature soil compost water light adult parent baby birth blossom</p>	<p>life cycle egg caterpillar chrysalis butterfly larva pupa ladybird adult parent baby predator prey minibeasts insects bugs bee</p>

	<p>observe practical enquiry predict differences similarities question explain predict what might happen next/change</p>	<p>differences similarities syringe thermometer</p>	<p>spring growth animals sun egg hatch chick</p> <p>question explain predict what might happen next/change observe binoculars magnifying glasses pooter</p>	<p>wasp spider earthworm snail slug cricket millipede woodlouse</p> <p>question explain predict what might happen next/change observe binoculars magnifying glasses pooter</p>
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