

Reception: Science

Environment	Living Things	Humans	
<p>E 1 Explore the natural world around them.</p> <p>E2 Describe what they see, hear and feel whilst outside.</p> <p>E3. Recognise some environments that are different to the one in which they live.</p>	<p>L1 Understand the effect of changing seasons on the natural world around them.</p>	<p>H1 Know and talk about the different factors that support their overall health and wellbeing:</p> <ul style="list-style-type: none"> <li>- regular physical activity - healthy eating</li> <li>- tooth brushing</li> <li>- sensible amounts of 'screen time'</li> <li>- having a good sleep routine</li> <li>- being a safe pedestrian</li> </ul>	
<p>The Natural World ELG</p> <p>Explore the natural world around them, making observations and drawing pictures of animals and plants.</p> <p>Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.</p> <p>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter</p>			

Topic coverage

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Marvellous Me!	Our Wonderful World	A World of Pure Imagination	A Magical Adventure	All Creatures Great and Small	Let the Adventure Begin!

E1 H1	E1 H1	L1 E2	L1 E2	E3	E3
<b>Vocabulary</b>					
Body parts, mouth, head, body, neck, arms, eyebrows, eyelashes, legs elbows, knees, face, eyes, ears, teeth, body, healthy same, different, grow, big, small, baby, toddler, adult senses, touch, see hear, smell, taste	Day, night, season, Autumn, Winter, Spring, Summer weather (all weather types) grow, blossom, change	Float, sink, heavy, light, shiny, dull, smooth, rough, waterproof, full, empty	Plants, seeds, soil, earth, grow, sun light, water, temperature, dark, stem, flower, petal, leaves, leaf, root, branch, trunk, names of vegetables/fruit, life cycle farm animals	Life cycle, baby, Adult, hatch, Plant eater, herbivore, meat eater, carnivore, omnivore, habitat, fossil, similar, different	Plastic, paper, sponge, glass, rock, hard, soft stone, wood, litter, environment, care, recycle
<b>Working Scientifically Vocabulary</b>					
What can you see?    What does it sound like?    What does it smell like? What does it taste like?    What does it feel like?    What does it do?    What is happening? How did it happen?    What have we found out?					
<b>I will know...</b>					
The names of different body parts - that I have changed and grown from a baby - that I was a baby, then a toddler and now I am a child	The names of the season and in particular Autumn - that animals begin to hibernate - that the leaves on some trees change colour	Why some objects float - why some objects sink - which materials float - which materials sink - how to describe materials e.g. shiny, dull, soft - what it feels like	The names and parts of a plant - that plants need light, water, food and the correct temperature - the parts of a tree - the names of different	What a herbivore is - what a carnivore is - what an omnivore is - what a fossil is - how a fossil is made - why dinosaurs became extinct - what extinct means	The names of different materials - what is similar and what is different between the materials - what some materials are used for specific

<ul style="list-style-type: none"> <li>- that we are all different but similar</li> <li>- the senses and that I hear with my ears, taste with my mouth, feel with my hands, see with my eyes and smell with my nose</li> <li>- how to ask questions</li> <li>- how it may happen - what I found out</li> </ul>	<ul style="list-style-type: none"> <li>- that the days become colder</li> <li>- that it goes dark earlier</li> <li>- that plants die back</li> <li>- the names of different weather <ul style="list-style-type: none"> <li>- wind, rain, frost, snow etc</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- how to ask questions</li> <li>- how it may happen - what I found out</li> </ul>	<ul style="list-style-type: none"> <li>fruit - the names of different vegetables</li> <li>the similarities and differences between plants, fruits and vegetables</li> <li>- how to ask questions</li> <li>- how it may happen - what I found out</li> </ul>	<ul style="list-style-type: none"> <li>- the names of dinosaurs and their similarities and differences - what hatch means and know the names of some animals that hatch - how to ask questions</li> <li>- how to talk about what I know</li> <li>- the names of farm animals (baby and adult) - how to sequence a simple life cycle</li> </ul>	<ul style="list-style-type: none"> <li>things - what it feels like- how to ask questions</li> <li>- how it may happen - what I found out</li> </ul>
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