








EYFS LONG TERM CURRICULUM MAP SUBJECT AREA- Science

Overview of learning opportunities / experiences / skills developed as part of the focused topic

AUTUMN TERM	PIRATES IN SCHOOL 	AUTUMN DAYS 	COLOUR MY WORLD 
	<p><u>Physical Development</u> Movement of water and chutes using water wall.</p> <p><u>Understanding the World</u> Investigation Table – Magnets – find the pirate treasure</p>	<p><u>Understanding the World</u></p> <ul style="list-style-type: none"> ❖ Developing an awareness of passage of time – sequencing the seasons. Learn about Autumn – Why is this a special time? / daily visual timetable ❖ Changes that occur in the woods during Autumn ❖ Sorting, classifying and naming leaves according to size, colour & type (oak leaves / not oak leaves) ❖ Investigation Table linked to Autumn-include books / magnifying glasses and autumnal objects ❖ Learn about animals that hibernate, migrate? Make a home for a hedgehog - collect leaves, sticks, conkers to make homes. <p><u>Expressive Art and Design</u></p> <ul style="list-style-type: none"> ❖ Leaf collages – Leaf Man ❖ Experiences different types of printing skills - finger printing an autumn tree / leaf print onto paper / stencil leaf printing ❖ Observational painting of leaves – selecting correct autumnal colours 	<p><u>Understanding the World</u></p> <ul style="list-style-type: none"> ❖ Elmer – Exploring similarities & differences between myself and others ❖ Investigation Table linked to colour ❖ Focused investigations linked to colour

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SPRING TERM	OUR FROZEN WORLD 	THE STORY TELLER 
	<p><u>Understanding the World</u></p> <ul style="list-style-type: none"> • Sense of Place – Our Frozen World. Changes that occur during Winter – Explore what happens? What do they see, hear and feel whilst outside during Winter? How do we / animals adapt during winter? • Investigate ways to keep warm & make hot chocolate • Investigating & exploring ice and water. Do all objects freeze? • Explore how some environments that are different from the one in which they live - Arctic & Polar Bears / Antarctica – Penguins <p><u>Physical Development</u></p> <ul style="list-style-type: none"> • Practise putting on winter clothes e.g. gloves / fastening zips & buttons • Mark making consolidation of letter formation – in snow / shaving foam / cornflour dough / salt etc. 	<p><u>Understanding the World</u></p> <p>Exploring & Investigating –</p> <ul style="list-style-type: none"> • Floating and sinking • Changes in materials - Baking make Gingerbread Men ❖ Investigate what happens to a Gingerbread Man in different solutions e.g. milk / water / oil ❖ Changes in materials – making porridge ❖ Changes in materials – making chocolate nests for Easter
SUMMER TERM	SPRING & NEW LIFE 	GO JETTERS! 
	<p><u>Understanding the World</u></p> <ul style="list-style-type: none"> ❖ Sense of Place - Explore changes within the seasons (particularly focusing on spring time) ❖ Sense of Time – chronology - days of the week / sequencing life cycles of living things - human, caterpillar, frog ❖ Matching animals and their young ❖ Parts of a flower Check how far this goes ❖ Similarities & differences between a real & artificial flower ❖ Planting & growing seeds ❖ What is special about our world? <p><u>Expressive Art and Design</u></p> <ul style="list-style-type: none"> ❖ Creating spring flowers using different media ❖ Observational drawings / paintings of flowers 	<p><u>Understanding the World</u></p> <ul style="list-style-type: none"> ❖ Similarities & differences between life in this country & life in other countries

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EYFS - AREAS OF CONTINUOUS PROVISION

Mark Making / Writing Area	Phonics Area	Maths Area	Investigation Area
<p>Mark making consolidation of letter formation – in snow / shaving foam / cornflour dough / salt etc. Creating a non-fiction book about the life cycle of the frog</p>			<p>Investigation Table – Magnets – find the pirate treasure Investigation Table linked to Autumn- include books / magnifying glasses and autumnal objects Investigation Table linked to colour Similarities & differences between a real & artificial flower</p>
Craft Area	Painting Area	Construction Area	Small World Area
<p>Make a home for a hedgehog - collect leaves, sticks, conkers to make homes. Leaf collages – Leaf Man Paper folding – concertina legs for a frog Creating spring flowers using different media</p>	<p>Experiences different types of printing skills - finger printing an autumn tree / leaf print onto paper / stencil leaf printing</p>		
Role Play Area	Book Area	Water Area	Play Dough Area
<p>Role Play Area – Polar Explorers / Frozen Castle</p>	<p>We're Going on a Leaf Hunt / Leaf Man / Non-fiction books about Autumn / Poems about Autumn Red is Best, Brown Bear, Brown Bear, What Do You See? Facts about Polar animals / reading & writing instructions for making hot chocolate</p>	<p>Movement of water and chutes using water wall</p>	<p>Making playdough – model of a polar bear</p>

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	Winter, Arctic & polar bears / Antarctica & penguins		
Role Play Area	Clever Fingers Area	Computing Area	Outdoor Play Area
	Practise putting on winter clothes e.g. gloves / fastening zips & buttons		Collecting leaves and materials for hedgehog homes