

## EYFS UTW (Science) LTP

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Topic</b>	All about me	Elmer Baby Jesus	Dear Polar Bear 3 Little Pigs	Transport	Minibeasts	Enormous Turnip Little RFF, Gruffalo
<b>Science Unit</b>	Ourselves	Animals Materials	Ice melting/freezing Materials	Push/Pull/Floating/sinking Growing Plants	Life Cycles	Animals/habitats Pushes/pulls, Plants
	<b>Longitudinal study - MUST BE ONGOING ALL YEAR. - How does the Hawthorn bush change with the weather and the seasons?</b>					
<b>Suggested Tasks</b>	<ul style="list-style-type: none"> <li>*Label our bodies – large outlines.</li> <li>*Name and explore 5 senses – Which part of the body is associated with each sense?</li> <li>*Circle time – how are we the same/different?</li> </ul>	<ul style="list-style-type: none"> <li>*Name different animals in Elmer – compare body parts and skin patterns/camouflage.</li> <li>*Which fabric/cloth is the most suitable to wrap Baby Jesus in?</li> </ul>	<ul style="list-style-type: none"> <li>*Investigate ice &amp; melting – freeze objects inside.</li> <li>*Ice decorations – hang outside – best place to melt/keep solid.</li> <li>*Best liquid to make an ice lolly?</li> <li>*Compare and name Arctic animals – (use photos)</li> <li>*Best materials to build a house?</li> </ul>	<ul style="list-style-type: none"> <li>*Explore/investigate objects/materials that float/sink.</li> <li>*Make a boat that floats, explore with toy boats first.</li> <li>*How can we make a toy car go faster? – pushes/ramps etc.</li> <li>*Gardening link – plant and care for seeds – pea, carrot &amp; cress</li> </ul>	<ul style="list-style-type: none"> <li>*Hatch butterfly eggs – observe life cycle – note changes.</li> <li>*Use story books to learn life cycles.</li> <li>*Pond dipping</li> <li>*Observe tadpoles in classroom.</li> <li>*Videos of chicks hatching.</li> <li>*Minibeast hunting outside – diff habitats.</li> </ul>	<ul style="list-style-type: none"> <li>*Investigate pushing/pulling</li> <li>*Trip to farm – animals.</li> <li>*Sensory walk – flowers and plants. *Bark rubbings</li> <li>*trees, plants leaves in a forest habitat.</li> <li>*Simple food chain – nut, mouse, snake/owl/fox.</li> <li>EXC – herbivore, carnivore</li> <li>*Best conditions to grow a plant in?</li> </ul>
<b>Objectives (ELG14)</b>	<ul style="list-style-type: none"> <li>*Name body parts</li> <li>*Year 1 Science Ob – identify, name which part of the body is associated with each sense.</li> <li>*Know sim/diff between living things (us).</li> </ul>	<ul style="list-style-type: none"> <li>*Know sim/differences between animals.</li> <li>*Predict/discuss why the animals are different. – think about habitat and what they eat.</li> <li>*Compare sim/diff between different fabrics(materials)</li> <li>EXC – describe properties.</li> </ul>	<ul style="list-style-type: none"> <li>*Explore, observe and investigate the properties of ice.</li> <li>*Discuss and observe the differences in freezing liquids. Why do these changes occur?</li> <li>*How does the ice change by adding salt etc.?</li> <li>*Sim/differences animals here and The Arctic.</li> <li>*Sim/differences between materials. (EXC properties)</li> </ul>	<ul style="list-style-type: none"> <li>*Compare materials – why do they float/sink? How are they the same/different?</li> <li>*EXC- describe properties.</li> <li>*EXC – investigate how to make a car go faster – human influences.</li> <li>*Observe plants growing – explain changes that occur.</li> <li>*Know the best conditions for seeds to grow in, and how to care for them.</li> <li>*EXC – know how human &amp; environmental activity influences growth of plants.</li> </ul>	<ul style="list-style-type: none"> <li>*Sim/diff between life cycles. Explain changes.</li> <li>*Observe minibeasts in the local environment in diff habitats, including the pond.</li> <li>*Sim/diff between minibeasts – WHY?</li> <li>*Compare habitats.</li> <li>EXC – know how environment (weather/other animals) and humans influence minibeasts and where they live.</li> </ul>	<ul style="list-style-type: none"> <li>*Compare sim/diff in habitats and the animals that live there.</li> <li>*Talk about features of own environment – woodland area, compared with hedges, field &amp; pond.</li> <li>EXC – know how environment (weather/other animals) and humans influence living things – plants and animals.</li> <li>EXC – investigate the best place/conditions to have a healthy plant (use marigolds?)</li> </ul>
<b>Vocabulary</b>	Head, body, legs, knee, ankle, foot, toe, thigh, hips, arms, hands, wrist, elbow, shoulder, thumb, fingers, back, stomach, chest, hair, eyes, ear, cheek, nose, mouth, chin, neck, face, freckles, lashes/brows.	Elephant, giraffe, zebra, crocodile, hippo skin, hide, camouflage, habitat, tusk, horns, nostrils, teeth, jaws, tongue, trunk, hoof, claws, webbed, tail, jungle.  Material, fabric, thick, thin, soft, wool, rough, flexible, cotton, warm, wrap,	Ice, solid, liquid, melt, freeze, cold, warm, hot, temperature, weather, water, slippery, wet, hard. Arctic, North/South Pole, Polar bear, Arctic hare, fox, walrus, snowy owl, narwhal.  Material, brick, rock, stone, glass, wood, straw, strong, waterproof,	Float, sink, plastic, metal, wood, cork, fabric, rock, waterproof, water, calm, curved, light, heavy, flat.  Seed, plant, roots, shoot, stem, leaves, soil, carrot, pea, cress, warmth, water, light, drown, grow, measure. How tall?	Butterfly, caterpillar, egg, chrysalis (NOT cocoon that's a moth). Egg, hatch, chick, hen, nest Frogs spawn, tadpole, froglet, frog. Worm, woodlouse, ant, millipede, centipede, bee, butterfly, spider, antennae, insect. Habitat.	Habitat, farm, woodland, forest, hedgerow, pond, field, grass, Plant, flower, roots, stem, leaves, bark, branch, Light, water, warmth, shade Calf, lamb, foal, duckling, piglet, kid. Push, pull, force, EXC -Food chain, prey, predator, herbivore, carnivore,