Science Long Term Plan

EYFS	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery Seasons	**Our body** Basic body parts Senses- hear, see, touch, feel, smell	**Celebrations/ Festivals** **Planting Bulbs**	**Bears** Cooking porridge Building a chair- materials **FOREST SCHOOL** Experiencing planting a bulb	**Three Little Pigs** Looking at materials of homes Magnets **FOREST SCHOOL** Den making- linked to materials Veg planting	Enormous Turnip/ Ducklings Observe changes over time- ducklings **FOREST SCHOOL** Look after plants	Holidays Transport/ Travel
Reception **Seasons- see, here, see, touch and feel**	**Rhyme Time** Exploring shadows	**Traditional Tales** Changing materials- what happens to the Gingerbread man when he goes in water? Sinking and Floating- what could we make a boat from?	**Here and There** Know what happens to ice/ water when the temperature changes **FOREST SCHOOL** Sunflower planting	**Transport** **FOREST SCHOOL** Observational drawings of plants and animals	**Minibeasts** Observe changes over time -butterfly **FOREST SCHOOL** Bug Hunting and basic identification	**Caring for our world** Prior learning for Habitats **FOREST SCHOOL** **(shorter session)** Caring for world around them (Bug Hotel)
Year 1 *Seasons ongoing throughout the year	**Naming body parts and senses** Identify 5 senses and associated body parts **FOREST SCHOOL** Exploring senses in the natural environment	**Parts of a plant/ tree (introduction)** **FOREST SCHOOL** **(shorter session)** Deciduous and Evergreen trees and recognising and naming flowers Cooking Dave Soup in Forest School	**Animal Groups** Mammals, reptiles, fish and birds and comparing features **FOREST SCHOOL** Bird Watching	**Animal Diets** Herbivores, carnivores and omnivores **FOREST SCHOOL** Identifying birds Collating data and analysing	**FOREST SCHOOL** **Plants** Knowing the structure of a plant and being able to label it Recognising and naming flowers	**Investigating Materials** Know and describe materials by their properties **FOREST SCHOOL** **(shorter)** Investigating materials (Scarecrows)
Year 2	**FOREST SCHOOL** **Living Things & Habitats** Living things and their habitats	**Animals** How animals change as they grow from into mature adults	**FOREST SCHOOL** **Material Properties** Materials and prep veg patch	**Plants** Observe growth Bulbs into mature plants - investigation **FOREST SCHOOL** Sow and grow herbs and veg	**Food chains** Matching Animals and their offspring Food chains	**Keeping Healthy** Exercise is important Germs