



Moorside Primary School

Early Years Science Overview

	Across the academic year	Autumn Term	Spring Term	Summer Term
Science UNDERSTANDING THE WORLD	<p><u>Make close observations of animals, plants and materials-using all their senses.</u></p> <ul style="list-style-type: none"> -Observe animals, plants and materials using cameras and magnifying glasses and describe what they see. -Identify plants and animals and begin to name them using books/internet to research. -Identify and name the properties of different materials (wood, paper, metal, plastic, glass, rock) -Experiment with different materials, –exploring with reclaimed, outdoor and every day materials. -Describe the simple physical properties of a variety of materials (hard, soft, smooth ,rough). -Begin to ask simple questions about the world around them. - Name and draw parts of the human body. -<u>Explain why things occur, talking about changes</u> -Observe and talk about how a plant, animal grows and changes. -Record changes orally and pictorially. -Identify what living things need to grow healthily (water, air, light) -Compare, sort and classify animals by features and habitat. - Recognise and talk about changes to materials (e.g. ice to water, puddles evaporating)--- Compare, sort and classify materials by properties. <u>Can talk about the weather</u> - Make observations of weather whilst playing outside/ <u>in forest school.</u> -Able to describe and name different types of weather-(hail, thunder, storm, fog, rainy day, windy day activities) -Use weather vocabulary (lightning hail, tornado, hurricane, rainbow, sleet, tsunami, flooding, freezing, temperature. - Observe and compare seasons (e.g. day length, clothing we wear) 	<p><u>Weather chart</u></p> <ul style="list-style-type: none"> -Introduce the daily weather chart-reading symbols to represent each type of weather. -Talk about the weather each day. -Name the 4 seasons- Talk about the Summer holidays they have had , Autumn term –how this changes and then, again in Winter. -Able to compare the forest over the Autumn and Winter months – (changes in foliage, animals, ground, smells and colours). 	<p><u>Life Cycles – Ducklings</u></p> <ul style="list-style-type: none"> Observe the growth of a live duckling from the incubated egg. -Use senses to describe the changes . -Ask questions about the changes they see. -Talk about the changes in growth they see and record in pictorial form. <p><u>Zoo Lab</u></p> <ul style="list-style-type: none"> -Observe the animals and talk about their habitats, food, physical features - Ask questions about the animal care given. - Sort and classify the animals they observed and handled, using pictures and simple charts. --Observe, name and handle exotic creatures. <p><u>Growing plants</u></p> <ul style="list-style-type: none"> -Identify and name a variety of plants and trees in their environment. -Identify parts of a plant (leaf, stem, root) -Able to plant a bean or seed , talk about the changes in growth they see and record in pictorial form. <p><u>Effects of Seasonal changes on the forest continues</u></p> <p>-</p>	<p><u>Life Cycles – Butterflies and Frogs</u></p> <ul style="list-style-type: none"> - Observe the growth of a live frog/butterfly. -Use senses to describe the changes. -Ask questions about the changes they see. -Talk about the changes in growth they see and record in pictorial form. <p><u>Effects of Seasonal changes on the forest continues</u></p>



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