



# Westhead Lathom St James' CE Primary School

## Science Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1/2 Year A	Animals Including Humans		Plants		Everyday Materials	Animals Including Humans
<b>Nature journals: Recording observations over time for seasonal changes, plants, weather and length of day (linked to GROWTH AND GREEN FINGERS theme in Spring 1 and SEASONAL CHANGES ongoing unit plans).</b>	Once or twice per month children should visit an outdoor setting and record their observations linked to plants, weather and/or seasonal change. A nature journal can be used for this (see advice in the 'Growth and Green Fingers' theme booklet and the 'Seasonal Changes' ongoing unit plans).					
1/2 Year B		Animals Including Humans		Plants	Living Things and Their Habitats	Uses of Everyday Materials
<b>Nature journals: Observing and recording a variety of living things in their habitats (WIND IN THE WILLOWS theme in Summer 1)</b>	It is useful to introduce the nature journal work from the 'Wind in the Willows' theme at the beginning of the school year to allow children to more opportunities for observing <b>a wider variety</b> of plants and animals than could be achieved within a half term. Once per month children should revisit a habitat or visit an alternative habitat and record their observations. A nature journal can be used for this (see advice in the 'Wind in the Willows' theme booklet).					
3/4 Year A	Light	Animals Including Humans	Rocks	Forces & Magnets	Plants	Plants
<b>Nature journals: Observing a variety of plants (HOW DOES YOUR GARDEN GROW theme in Summer 2)</b>	Children could continue to record in a nature journal throughout the year (as done in y1 and 2) to look at plants growing in the classroom, in the school grounds and beyond and to observe plant structures and functions. (See advice in the Summer 2 theme booklet). Select one activity each half term from the 'How Does Your Garden Grow?' learning opportunities to support using the outdoors and to link with school gardening initiatives. This will also provide more time to deliver the numerous opportunities within the Summer 2 theme and ensure outdoor learning is developed throughout the school.					
3/4 Year B	Electricity	Sound	Animals Including Humans	Animals Including Humans-Skeletons	States of Matter	Living Things and Their Habitats
<b>Field journals: Observing a variety of living things in their habitats (HUNTED theme in Summer 2)</b>	It is useful to introduce field journal work from the 'Hunted' theme at the beginning of the school year to allow children to continue to make observations within their habitat throughout the year (once per month / twice per term would be a guide). This provides more time for considering a variety of habitats, plants and animals than just in the summer.					



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5/6 Year A	Properties and Changes of Materials	Properties and Changes of Materials	Earth & Space	Forces	Living Things and Their Habitats	Animals Including Humans
<p><b>Field journals: Observing and recording a variety of living things in their habitats (AMAZON ADVENTURE theme in Summer 1)</b></p>	<p><i>It is useful to introduce the field journal work from the 'Amazon Adventure' theme at the beginning of the school year to allow children to observe life cycle changes in a variety of living things throughout the year (once per month / twice per term would be a guide), for example plants in the vegetable garden or flower border, and animals in the local environment. This provides more time for considering change over a longer period of time than a six/seven week half term and allows for more examples to be experienced. It supports the NC2014 in encouraging children to understand about the biodiversity of our planet and encouraging children to be 'real' gardeners whilst using the school/local grounds more frequently to support learning. (Discuss the use of herbariums with the Y4 teacher linked to the Y4 'Hunted' theme – this can be continued when observing plant life cycles in Y5).</i></p>					
5/6 Year B	Evolution and Inheritance	Light	Animals Including Humans	Living Things and Their Habitats	Electricity	Electricity