

Science A Years 1/2 (2025-26)					
	Autumn		Spring		Summer
Year1 /2	Materials / Weather		Animals, including humans		Plants
	Term1	Term2	Term1	Term2	Term1/2
	Everyday materials	Seasonal changes	Animals, including humans	Humans	Plants
<b>Knowledge</b>	-difference between an object and the material from which it is made -the name of a variety of everyday materials, including wood, plastic, glass, metal, water, and rock -simple physical properties of a variety of everyday materials	-the difference between weather and climate -reasons why it is difficult to predict weather -what a weather forecast is and the symbols used by forecasters	-identify a variety of common animals including fish, amphibians, reptiles, birds, and mammals -identify a variety of common mini beasts found in the local environment -identify and sort a variety of common animals that are carnivores, herbivores and omnivores	-explain why some animals make good pets -the names (and labels) of the basic parts of the human body -which part of the body is associated with each sense - how our body changes as we grow	-we eat lots of plants -parts of a plant (trunk, branches, stem, leaves, roots, flowers, seeds) -variety of fruits and vegetables and what makes them different -about potatoes—how we grow them and in what form we eat them -the function of each part of a plant -common names of flowers in the local environment -the difference between evergreen trees and deciduous trees
<b>(skills)</b>	-compare and group together a variety of everyday materials based on their simple physical properties -plan a fair test to find out which material will keep your ice lolly from melting -plan a fair test to investigate which paper is best to clean a spill. -investigate which material will be best for making an umbrella	-plot a graph to observe weather conditions -record weather conditions -interpret graphs on weather -investigate shadows and their shapes -observe and record seasonal changes	-use a simple key to identify different animals -compare and contrast animals using different criteria -plan a fair test to find out what conditions a woodlouse prefers to live -sort and identify common animals—fish, amphibians, reptiles, birds and mammals	-investigate ideas for, 'Top Tips for Hearing the Playground Whistle' -investigate classifying groups of fruits and vegetables using our senses - Take measurements of parts of their body. - Look for patterns between people e.g. Do people with big hands have big feet?	-investigate what plants need to grow - observe and record the growth of a potato from the 'eye' - observe and record changes occurring in deciduous trees through different seasons -observe the leaves and flowers of different trees using a magnifying glass -sort flowers in a variety of ways - how can you identify and sort leaves that you find in the local environment
<b>Key vocabulary</b>	<b>absorbent</b> <b>insulator</b> <b>absorbent</b> <b>opaque</b> <b>rough</b> <b>waterproof</b> <b>manufactured</b>	<b>shadow</b> <b>climate</b> <b>weather</b> <b>overcast</b> <b>temperature</b> <b>sleet</b> <b>snow</b> <b>seasons</b>	<b>vertebrate</b> <b>invertebrate</b> <b>amphibian</b> <b>bird</b> <b>fish</b> <b>mammals</b> <b>reptiles</b>	<b>classify</b> <b>impairment</b> <b>teeth</b> <b>elbow</b> <b>sight</b> <b>thumb</b> <b>toes</b>	<b>nutrition</b> <b>timber</b> <b>bulb</b> <b>deciduous</b> <b>evergreen</b> <b>shoot</b> <b>wild</b>
<b>Links</b>	<b>History</b> <b>Homes</b>	<b>Literacy</b> <b>List &amp; Alliterative Poems</b> <b>Poetry Books-range</b> <b>Seaside and Seasons</b> <b>Geography</b> <b>how to dress accordingly to weather</b>	<b>Reading</b> <b>Rainbow fish</b> <b>Literacy</b> <b>Description-Under the Sea</b> <b>Non-Chronological Report</b> <b>Kenya</b> <b>Letter/Emily's</b> <b>Diary/Information about</b> <b>Greenpeace</b> <b>Geography</b> <b>identify animals commonly found in both Kenya and England</b>	<b>Reading</b> <b>Eating the Alphabet-A-Z of fruit and vegetables-Lois Elhert</b> <b>1000 things to eat</b> <b>Literacy</b> <b>List, Captions, Menus and Invitations- Food and Dinner Party</b> <b>PSHE</b> <b>Healthy me</b> <b>PE</b> <b>Yoga linked to bending, stretching, and breathing.</b>	
<b>Subject Builder</b>	<b>Questions 3,4 &amp; 5</b>	<b>Questions 1,5 &amp; 7</b>	<b>Questions 2,3 &amp; 4</b>	<b>Question 5</b>	<b>Questions 1,3 &amp; 4</b>