

Science					
	Autumn		Spring		Summer
Year1	Materials / Weather		Animals, including humans		Plants
	Term1	Term2	Term1	Term2	Term1/2
	Everyday materials	Seasonal changes	Animals, including humans	Humans	Plants
Knowledge	<ul style="list-style-type: none"> <li>-difference between an object and the material from which it is made</li> <li>-the name of a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</li> <li>-simple physical properties of a variety of everyday materials</li> </ul>	<ul style="list-style-type: none"> <li>-difference between weather and climate</li> <li>-reasons why it is difficult to predict weather</li> <li>-what a weather forecast is and the symbols used by forecasters</li> </ul>	<ul style="list-style-type: none"> <li>-identify a variety of common animals including fish, amphibians, reptiles, birds and mammals</li> <li>-identify a variety of common mini beasts found in the local environment</li> <li>-identify and sort a variety of common animals that are carnivores, herbivores and omnivores</li> </ul>	<ul style="list-style-type: none"> <li>-explain why some animals make good pets</li> <li>-the names (and label) the basic parts of the human body</li> <li>-which part of the body is associated with each sense</li> <li>- how our body changes as we grow</li> </ul>	<ul style="list-style-type: none"> <li>-we eat lots of plants</li> <li>-parts of a plants ( trunk, branches, stem, leaves, roots, flowers, seeds)</li> <li>-variety of fruits and vegetable and what makes them different</li> <li>-about potatoes—how we grow them and in what form we eat them</li> <li>-the function of each part of a plant</li> <li>-common names of flowers in local environment</li> <li>-difference between evergreen trees and deciduous trees</li> </ul>
(skills)	<ul style="list-style-type: none"> <li>-compare and group together a variety of everyday materials on the basis of their simple physical properties</li> <li>-plan a fair test to find out which material will keep your ice-lolly from melting</li> <li>-plan a fair test to find out which paper is best to clean a spill.</li> <li>-investigate which material will be best for making an umbrella</li> </ul>	<ul style="list-style-type: none"> <li>-plot a graph to observe weather conditions</li> <li>-record weather conditions</li> <li>- interpret graphs on weather</li> <li>-investigate shadows and their shapes</li> <li>-observe and record seasonal changes</li> </ul>	<ul style="list-style-type: none"> <li>-use a simple key to identify different animals</li> <li>-compare and contrast animals using different criteria</li> <li>-plan a fair test to find out what conditions would a woodlouse prefer to live</li> <li>-sort and identify common animals—fish, amphibians, reptiles, birds and mammals</li> </ul>	<ul style="list-style-type: none"> <li>-investigate ideas for , ' Top Tips for Hearing the Playground Whistle'</li> <li>-investigate classifying group of fruits and vegetables using our senses</li> <li>- Take measurements of parts of their body.</li> <li>- Look for patterns between people e.g. Do people with big hands have big feet?</li> </ul>	<ul style="list-style-type: none"> <li>-investigate what plants need to grow</li> <li>- observe and record a growth of a potato from the 'eye'</li> <li>- observe and record changes occurring in deciduous tree through different seasons</li> <li>-observe leaves and flowers of different trees using a magnifying glass</li> <li>-sort flowers in variety of ways</li> <li>- how can you identify and sort leaves that you found in the local environment</li> </ul>
Key vocabulary	<ul style="list-style-type: none"> <li>absorbent</li> <li>insulator</li> <li>absorbent</li> <li>opaque</li> <li>rough</li> <li>waterproof</li> <li>manufactured</li> </ul>	<ul style="list-style-type: none"> <li>shadow</li> <li>climate</li> <li>weather</li> <li>overcast</li> <li>temperature</li> <li>sleet</li> <li>snow</li> <li>seasons</li> </ul>	<ul style="list-style-type: none"> <li>vertebrate</li> <li>invertebrate</li> <li>amphibian</li> <li>bird</li> <li>fish</li> <li>mammals</li> <li>reptiles</li> </ul>	<ul style="list-style-type: none"> <li>classify</li> <li>impairment</li> <li>teeth</li> <li>elbow</li> <li>sight</li> <li>thumb</li> <li>toes</li> </ul>	<ul style="list-style-type: none"> <li>nutrition</li> <li>timber</li> <li>bulb</li> <li>deciduous</li> <li>evergreen</li> <li>shoot</li> <li>wild</li> </ul>
Links	<ul style="list-style-type: none"> <li>History</li> <li>Homes</li> </ul>	<ul style="list-style-type: none"> <li>Literacy</li> <li>List &amp; Alliterative Poems</li> <li>Poetry Books-range</li> <li>Seaside and Seasons</li> <li>Geography</li> <li>how to dress accordingly to weather</li> </ul>	<ul style="list-style-type: none"> <li>Reading</li> <li>Rainbow fish</li> <li>Literacy</li> <li>Description-Under the Sea</li> <li>Non Chronological Report</li> <li>Kenya</li> <li>Letter/Emily's</li> <li>Diary/Information about</li> <li>Greenpeace</li> <li>Geography</li> <li>identify animals commonly found in both Kenya and England</li> </ul>	<ul style="list-style-type: none"> <li>Reading</li> <li>Eating the Alphabet-A-Z of fruit and vegetables-Lois Elhert</li> <li>1000 things to eat</li> <li>Literacy</li> <li>List, Captions, Menus and Invitations- Food and Dinner</li> <li>Party</li> <li>PSHE</li> <li>Healthy me</li> <li>PE</li> <li>Yoga linked to bending, stretching and breathing.</li> </ul>	