

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 (must know)	-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	-difference between weather and climate reasons why it is difficult to predict weather -what a weather forecast is and the symbols used by forecasters	-a variety of common animals including fish, amphibians, reptiles, birds and mammals -a variety of common mini beasts found in the local environment -a variety of common animals that are carnivores, herbivores and omnivores	-why some animals make good pets -the names(and label) the basic parts of the human body -which part of the body is associated with each sense. - how our body changes as we grow	-parts of a plants -variety of fruits and vegetable 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 local environment -difference between evergreen trees and deciduous trees
(skills) Be able to	-compare and group together a variety of everyday materials on the basis of 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 find out which paper is best to clean a spill.	-plot a graph to observe weather conditions -record weather conditions - interpret graphs on weather -investigate shadows and their shapes -observe and record seasonal changes -plan a fair test to find out how length of shadow changes during the day	-use a simple key to identify different animals -compare and contrast animals using different criteria -plan a fair test to find out what conditions would a woodlouse prefer to live -identify structure of common animals—fish, amphibians, reptiles, birds and mammals	-investigate ideas for , ` 'Top Tips for Hearing the Playground Whistle' -investigate classifying group of fruits and vegetables using our senses -design an imaginary pet	-observe and record growth of a seed - observe and record a growth of a potato from the `eye' - observe and record changes occurring in deciduous tree through different seasons - compare herbs, trees and shrubs -observe leaves and flowers of different trees using a magnifying glass -group flowers in variety of ways name few trees, herbs and shrubs found in the local environment
Key vocabulary	absorb insulate	shadow climate weather	in/vertebrate	impairment	nutrition timber
Links					
Ass.					
Performance/debate/world of work					