

Science						
	Autumn		Spring		Summer	
Year2	Habitat/Food chains		Animals/Healthy Lifestyles		Plants	
	Term1	Term2	Term1	Term2	Term1	Term2
	Habitat/Food chains	Uses of everyday materials	Animals, including humans	Healthy life style	Seeds	Plants
Knowledge (must know)	-the 7 processes of living things -differences between things that are living, dead, and things that have never been alive -that most living things live in habitats to which they are suited -what a micro habitat is - describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.	-difference between natural and manufactured materials -names of different materials and their properties -use of a material depends on its properties/different uses of a material -explore push and pull	-simple life cycle of animals and humans -what humans need for growth	-the nutrients needed for healthy growth -the function of different food groups -what is a balanced healthy diet -importance of exercise to remain healthy -importance of hygiene for healthy growth	-we can eat different parts of plants(leaves, stems, roots, seeds and fruits) - importance of flowers -names of edible seeds and non-edible seeds -how do we get cooking oil and which cooking oil is healthy	-plants in the local environment -plants that are suited to their habitat -why leaves are green
(skills) Be able to	-classify using a simple key -identify simple food chain -plan a fair test to study the effect of light on the woodlice -explain why a evergreen trees do not shed their leaves -justify why deciduous trees shed their tree -sort things according to whether they are living, dead or were never alive, and recording their findings using Venn diagram, Carroll diagram	-sort materials using their properties -plan a fair test to find out which paper towel is best in the kitchen -which material will be best to keep hot drinks hot or cold drinks cold - which material would be best for a teddy bungee cord -plan a fair test to find out which material would be best for a roof .	-investigate by seeking patterns of size of hand in different age group e.g. year1 and year2 and plotting a graph to see the growth -plan a fair test to find out if the head span changes as you grow - plan a fair test to find out if people with long legs can jump greater distance	-plan a balanced diet giving reasons -interpret graphs to study the life span of people in different countries	-plan a fair tests to find out what conditions are essential for seeds to grow -observe different growth of seeds	-investigate if cress seeds grow quicker outside or inside - investigate if bigger seeds grow into bigger plants
Key vocabulary	micro habitats micro-habitat food chain litter woodland	manufacture transparent brick natural manufactured impermeable metal	reproduce Growth life cycle offspring live young	nutrients hygiene balanced diet	Germination trunk seed branch edible non-edible	photosynthesis reaction observe warmth
Links	ART Sculpture/3D Make animal models (Science) Farm, Woodland, Arctic etc. Not African as previously done in Year 1.		Reading Non Fiction Books Animal Encyclopaedia Literacy Recount -Based on real life experience-school trip to Twycross Zoo Letter of Complaint Visit to the Zoo Write up Debate-Animals versus Humans Diary-diff points of view Geography	Computing Data and information-Pictograms Design and Technology Scones and Sandwiches for Afternoon Tea PSHE Healthy Me Maths Statistics		ART Mixed Media Use tissue paper to make 3D flowers, net to use as face cover and decorate with stick sequins, buttons and ribbon.

			<p>Continents and Oceans create a diagram to reflect fish harvest –sea to plate History How past is reconstructed through science and palaeontology. distinguish between herbivores and carnivores</p>			
Ass.						
Performanc e/debate/ world of						