

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
<b>Knowledge</b>	-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
<b>(skills)</b>	-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
<b>Key vocabulary</b>	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
<b>Links</b>	<b>ART</b> <b>Sculpture/3D</b> <b>Make animal models (Science)</b> <b>Farm, Woodland, Arctic etc. Not African as previously done in Year 1.</b>		<b>Reading</b> <b>Non Fiction Books</b> <b>Animal Encyclopaedia</b> <b>Literacy</b> <b>Recount -Based on real life experience-school trip to Twycross Zoo</b> <b>Letter of Complaint Visit to the Zoo</b> <b>Write up Debate-Animals versus Humans</b> <b>Diary-diff points of view</b> <b>Geography</b>	<b>Computing</b> <b>Data and information-</b> <b>Pictograms</b> <b>Design and Technology</b> <b>Scones and Sandwiches for Afternoon Tea</b> <b>PSHE</b> <b>Healthy Me</b> <b>Maths</b> <b>Statistics</b>		<b>ART</b> <b>Mixed Media</b> <b>Use tissue paper to make 3D flowers, net to use as face cover and decorate with stick sequins, buttons and ribbon.</b>

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