

Science B 1/2 (2026-27)

	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 lifestyle	Seeds	Plants
Knowledge	<ul style="list-style-type: none"> -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 microhabitat is - describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. 	<ul style="list-style-type: none"> -the 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 	<ul style="list-style-type: none"> -simple life cycle of animals and humans -what humans need for growth 	<ul style="list-style-type: none"> -the nutrients needed for healthy growth -the function of different food groups -what is a balanced healthy diet -the importance of exercise to remain healthy -the importance of hygiene for healthy growth 	<ul style="list-style-type: none"> -we can eat different parts of plants (leaves, stems, roots, seeds and fruits) - the importance of flowers -names of edible seeds and non-edible seeds -how do we get cooking oil and which cooking oil is healthy 	<ul style="list-style-type: none"> -plants in the local environment -plants that are suited to their habitat -why leaves are green
(skills)	<ul style="list-style-type: none"> -classify using a simple key -identify simple food chain -plan a fair test to study the effect of light on the woodlice -explain why 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 record their findings using the Venn diagram, Carroll diagram 	<ul style="list-style-type: none"> -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 determine which material is best for a roof. 	<ul style="list-style-type: none"> -investigate by seeking patterns of the size of the hand in different age groups 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 	<ul style="list-style-type: none"> -plan a balanced diet giving reasons -interpret graphs to study the life span of people in different countries 	<ul style="list-style-type: none"> -plan a fair test to find out what conditions are essential for seeds to grow -observe different growth of seeds 	<ul style="list-style-type: none"> -investigate if cress seeds grow quicker outside or inside - investigate if bigger seeds grow into bigger plants
Key vocabulary	<ul style="list-style-type: none"> micro habitats micro-habitat food chain litter woodland 	<ul style="list-style-type: none"> manufacture transparent brick natural manufactured impermeable metal 	<ul style="list-style-type: none"> reproduce Growth life cycle offspring live young 	<ul style="list-style-type: none"> nutrients hygiene balanced diet 	<ul style="list-style-type: none"> Germination trunk seed branch edible non-edible 	<ul style="list-style-type: none"> photosynthesis reaction observe warmth
Links	<ul style="list-style-type: none"> ART Sculpture/3D Make animal models (science), such as farms, woodland, arctic, etc. Not African as previously done in Year 1. 		<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Computing Data and information-Pictograms Design and Technology Scones and Sandwiches for Afternoon Tea PSHE Healthy Me Maths Statistics 		<ul style="list-style-type: none"> ART Mixed Media Use tissue paper to make 3D flowers, a net as a face cover, and decorate with stick sequins, buttons, and ribbon.

			<p>Continents and Oceans create a diagram to reflect fish harvest –sea to plate</p> <p>History How the past is reconstructed through science and palaeontology. distinguish between herbivores and carnivores</p>			
Subject builder	Questions 3,4,5 & 6	Questions 2,3 & 4	Questions 2, 3 & 6	Questions 1, 4 & 5	Questions 1 & 2	Questions 3& 4