

Year 2	Science	
	Autumn 1 topic: Uses of everyday materials	Autumn 2 topic: Animals including humans
National curriculum statements	<ul style="list-style-type: none"> identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses objects made from some materials can be changed by squashing, bending, twisting and stretching 	<ul style="list-style-type: none"> notice that animals, including humans, have offspring which grow into adults
Retrieval (to support new learning)	Year 1 – Everyday materials	Year 1 – Animals including humans
Knowledge statements	<p>To know that different materials are suitable for different uses.</p> <p>To name specific uses of specific materials.</p> <p>To know the ways in which a material can be changed.</p>	<p>To know that animals have offspring and these grow into adults.</p> <p>To name and match offspring to adults.</p>
Vocabulary	Suitable, force, bend, stretchy, elastic	Offspring, adult, reproduction, womb, foetus
Cultural capital and local resources		

Year 2	Science	
	Spring 1 topic: Animals including Humans	Spring 2 topic: Plants
National curriculum statements	<ul style="list-style-type: none"> find out about and describe the basic needs of animals, including humans, for survival (water, food and air) describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene 	<ul style="list-style-type: none"> observe and describe how seeds and bulbs grow into mature plants find out and describe how plants need water, light and a suitable temperature to grow and stay healthy
Retrieval (to support new learning)	Year 1 – Animals including humans	Year 1 - plants
Knowledge statements	<p>To know what animals including humans need to survive.</p> <p>To know that humans need exercise, the right amount of different foods, and hygiene to be healthy.</p>	<p>To know the difference between a seed and a bulb</p> <p>To describe the basic needs of plants</p>
Vocabulary	Nutrition, diet, exercise, hygiene, healthy	Seed, bulb, photosynthesis, pollination, germination
Cultural capital and local resources	School environment	

Year 2	Science	
	Summer 1 topic: Living things and their habitats	Summer 2 topic: Living things and their habitats – around the world
National curriculum statements	<ul style="list-style-type: none"> • explore and compare the differences between things that are living, dead, and things that have never been alive • identify and name a variety of plants and animals in their habitats, including microhabitats • describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food 	<ul style="list-style-type: none"> • identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
Retrieval (to support new learning)	Year 1 plants	Year 1 plants Geography spring 2 – hot and cold places
Knowledge statements	<p>To know the difference between living, dead, and never alive.</p> <p>To describe a microhabitat including the plants and animals within it.</p> <p>To use food chains to explain how plants and animals obtain food.</p>	<p>To identify different habitats.</p> <p>To describe how a habitat provides for the needs of plants and animals.</p> <p>To know how animals and plants in the same habitat depend on each other.</p>
Vocabulary	Food chain, producer, consumer, habitat, microhabitat	Arctic, rainforest, ocean, environment, ecosystem

Cultural capital
and local
resources