



Skills development

Subject area: Science

Area of Study	EYFS	Year 1	Year 2
Working Scientifically	<ul style="list-style-type: none"> • Make observations of animals and plants and explain why some things occur and talk about changes • Know about similarities and differences in relation to places, objects, materials and living things 	<ul style="list-style-type: none"> • Ask simple questions and recognising that they can be answered in different ways • Observe closely, using simple equipment • perform simple tests • Identify and classify • Use their observations and ideas to suggest answers to questions • Gather and record data to help in answering questions. 	
Plants	<ul style="list-style-type: none"> • Make observations of animals and plants and explain why some things occur and talk about changes 	<ul style="list-style-type: none"> • Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees • Identify and describe the basic structure of a variety of common flowering plants, including trees. 	<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
Living things and their habitats	<ul style="list-style-type: none"> • Talk about the features of their own immediate environment and how environments might vary from one another • Know about similarities and differences in relation to places, objects, materials and living things 		<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 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 • Identify and name a variety of plants and animals in their habitats, including microhabitats



			<ul style="list-style-type: none"> 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.
Animals including humans	<ul style="list-style-type: none"> Make observations of animals and plants and explain why some things occur and talk about changes Know the importance of good health, physical exercise and a healthy diet Talk about ways to keep healthy and safe 	<ul style="list-style-type: none"> Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals Identify and name a variety of common animals that are carnivores, herbivores and omnivores 	<ul style="list-style-type: none"> Notice that animals, including humans, have offspring which grow into adults 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.
Uses of everyday materials	<ul style="list-style-type: none"> Know about similarities and differences in relation to places, objects, materials and living things 	<ul style="list-style-type: none"> Distinguish between an object and the material from which it is made Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock Describe the simple physical properties of a variety of everyday materials compare and group together a variety of everyday materials on the basis of their simple physical properties. 	<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 find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching
Seasonal changes	<ul style="list-style-type: none"> Know about similarities and differences in relation to places, objects, materials and living things 	<ul style="list-style-type: none"> Observe changes across the four seasons Observe and describe weather associated with the seasons and how day length varies. 	