

Y2 Scientific Areas of Learning

Habitats	Growing & Staying Healthy	Uses of Everyday Materials
<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 micro-habitats 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"> 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. 	<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.
Plant Growth	Working scientifically	
<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. 	<p><u>Planning Investigations:</u></p> <ul style="list-style-type: none"> Asking simple questions Recognising that questions can be answered in different ways <p><u>Conducting Experiments:</u></p> <ul style="list-style-type: none"> Observing closely using simple equipment Conducting simple tests <p><u>Recording Evidence:</u></p> <ul style="list-style-type: none"> Recording and communicating findings in a range of ways Begin using simple scientific language 	<p><u>Reporting Findings:</u></p> <ul style="list-style-type: none"> Identifying and classifying <p><u>Conclusions and Predictions:</u></p> <ul style="list-style-type: none"> Gathering and recording data Using observations and ideas to suggest answers to questions