

New Science Curriculum - Year 2

All living things and their habitats

- Children will explore and compare the differences between things that are living, dead, and things that have never been alive.
- Children should be able to 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.
- Children should be able to identify and name a variety of plants and animals in their habitats, including micro-habitats.
- Children should be able to 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.

Plants

- Children should be able to observe and describe how seeds and bulbs grow into mature plants.
- Children should be able to find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Animals, including humans

- Children should be able to notice that animals, including humans, have offspring which grow into adults.
- Children should be able to find out about and describe the basic needs of animals, including humans, for survival (water, food and air).
- Children should be able to describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Uses of everyday materials

- Children should be able to identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- Children should be able to find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.