

**Year 2**

**Science**

**Age Related Expectations**

**Working Scientifically**

Ask simple questions and understand that they can be answered in different ways

Observe closely, using simple equipment (like magnifying glasses)

Perform simple tests (to find things out)

Identify and classify (sort) living and non- living things

Use my observations and ideas to suggest answers to questions

Gather and record data (information) to help in answering questions

**Living things and their habitats**

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 different plants and animals in their habitats, including micro-habitats

Describe how animals get their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food

**Plants**

Observe and describe how seeds and bulbs grow into mature plants

Find out and describe how plants need water, light and the right temperature to grow and stay healthy

**Animals including humans**

Understand that animals, including humans, have offspring (babies) 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 (being clean)

**Uses of everyday materials**

Identify and compare how different materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard are used because of their properties

Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching