

## Science : Year 2

### **Working Scientifically**

Through the year, the children will use the following practical scientific methods, processes and skills:

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- performing simple tests
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions.

### **Autumn Term – Healthy Me**

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.

### **Autumn Term – Little Masterchefs**

describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.  
identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

### **Spring Term – Material Monsters**

identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard

for particular uses

**Spring Term – Squash, Bend, Twist and Stretch**

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

**Summer Term – Our Local Environment**

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.

**Summer Term – Young Gardeners**

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.