



## St. Laurence CE Primary School

### Year 2 Science Long Term Planning



Autumn 1 <b>Animals Including Humans Knowledge</b>	Autumn 2 <b>Knowledge</b>	Spring 1 <b>Uses of Everyday Materials Knowledge</b>	Spring 2 <b>Knowledge</b>	Summer 1 <b>Living Things and their Habitats Knowledge</b>	Summer 2 <b>Plants Knowledge</b>
<p><b>Knowledge</b></p> <p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. <b>(A1)</b></p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores. <b>(A2)</b></p>	<p><b>Knowledge</b></p> <p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). <b>(A3)</b></p> <p>Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. <b>(A4)</b></p>	<p><b>Knowledge</b></p> <p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. <b>(EM5)</b></p>	<p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. <b>(EM6)</b></p>	<p>Explore and compare the differences between things that are living, dead, and things that have never been alive. <b>(LT1)</b></p> <p>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. <b>(LT2)</b></p> <p>Identify and name a variety of plants and animals in their habitats, including micro-habitats. <b>(LT3)</b></p> <p>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. <b>(LT4)</b></p>	<p>Observe and describe how seeds and bulbs grow into mature plants. <b>(P3)</b></p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. <b>(P4)</b></p>

**Working Scientifically** - During year 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

Ongoing through all terms

- ask simple questions and recognising that they can be answered in different ways **(WS1)**
- observe closely, using simple equipment **(WS2)**
- perform simple tests **(WS3)**
- identify and classify **(WS4)**
- gather and recording data to help in answering questions **(WS6)**
- use their observations and ideas to suggest answers to questions **(WS5)**

