



Year 2 Animals including Humans

Science Knowledge Organiser



Knowledge Skills Vocabulary

- Curriculum Coverage**
- 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.

<u>Knowledge and Skills Progression</u>
<p>How can you work out the order of an animal's life cycle? <i>To be able to use observations to suggest answers to questions.</i> <i>To be able to record data in a flow diagram.</i></p>
<p>What is the life cycle of different animals? What is the life cycle of a caterpillar? <i>To be able to use observations to suggest answers to questions.</i> <i>To be able to record data in a flow diagram.</i> <i>To observe carefully and closely over time.</i></p>
<p>How do humans grow and change? <i>To be able to record data in a flow diagram.</i> <i>To use simple measurements to gather data.</i> <i>To record data to help in answering questions.</i></p>
<p>What are the basic needs of animals, including humans? <i>To be able to use observations to suggest answers to questions.</i></p>
<p>Which foods make a healthy diet? <i>To be able to use observations to suggest answers to questions.</i></p>
<p>Why is exercise important? What happens when we exercise? <i>To be able to record data in a table.</i> <i>To be able to perform a simple test.</i></p>
<p>Why is hygiene important? <i>To be able to record data in a tally chart.</i></p>
<p>* Release of butterflies*</p>



- Scientific vocabulary**
- Birds, fish, amphibians, reptiles, mammals, invertebrates, carnivores, herbivores, omnivores, egg, larva, pupa, adult, ladybird, butterfly, dragonfly, smooth newt, common frog, toad, baby, toddler, child, teenager, adult, growth, nutrition, respiration, clean, wash, germs, healthy, grow, strong, energy
- Scientific enquiry**
- What is an animal?
 How are animals different/the same as humans?
 How do animals and humans grow?
 What are the stages of growth?
 How do humans and animals stay alive?
 What are the needs of a human and are they the same as those of an animal?

