



Year 2 End of Year Science Expectations

Working at the Expected Standard (EXP):

Pupil(s) can confidently and independently:

Working Scientifically

- Ask simple questions and recognise that they can be answered in different ways.
- Use simple equipment to observe closely.
- Perform simple tests.
- Identify and classify.
- Use their observations and ideas to suggest answers to questions.
- Gather and record data to help in answering questions.

Animals, including humans

- 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.

Living things and their habitats

- Explore/compare the differences between things that are living/ dead/ 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 microhabitats.
- 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.



Materials

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

Plants

- 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.
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