

Working Scientifically

- ask simple questions and recognise that they can be answered in different ways
- observe closely, using simple equipment
- 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

Vocabulary: explore, questions, identify, change, patterns, equipment, measure, data, test, record, scientific language, grouping, sorting, collecting, observation, magnifying lens, binoculars, timers, visualiser

Living Things & 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 micro-habitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, & identify and name different sources of food

Vocabulary: living, dead, non-living, habitat, basic needs, depend on each other, variety, micro-habitat, food chain, source, characteristics, life processes, seashore, woodland, ocean, rainforest, environment

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

Vocabulary: germination, growth, survival, reproduction, water, light, temperature

Y2 Science

Uses of Everyday Materials

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

Vocabulary: materials, wood, plastic, glass, metal, brick, rock, paper, cardboard, solid object, change, squashing, bending, stretching, purpose, suitable, unsuitable

Animals

- notice that animals, including humans, have offspring which grows into adults
- find out about and describe the basic needs of animals, including humans, for survival (water, food, air)
- describe the importance for humans of exercise, eating the right amount of different types of food, and hygiene

Vocabulary: offspring, adult, basic needs, survival, water, food, air, exercise, food groups, fats, sugars, fibre, carbohydrates, protein, vitamins, hygiene, reproduction, growth, life cycle