

Year Group: 2 Term: Summer
Science Unit:
Plants and Animals including Humans



Key teaching concepts:

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.

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, exercise).

Describe the importance for humans of exercise, eating the right amounts of different food and hygiene.

Name and describe some plants and animals that live in micro-habitats.

Working Scientifically focuses and practical experimentation:

Ask simple questions and recognise that they can be answered in different ways

Identify and classify

Use their observations and ideas to suggest answers to questions

KeyQuestions—those asked to measure understanding of pupils:

What do plants and trees need to survive and grow?

Can you identify different types of trees and plants?

What are the different parts of a plant and how do they help it to survive?

How does a plant grow from a seed or a bulb?

What do animals need to survive?

Describe the lifestyle of someone who will be unfit and unhealthy. How will this affect them? What can they do to live a healthier life?

What is a micro-habitat? Describe one and the food chain for an animal that lives there

Links to prior learning

- Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.
- Identify and describe the basic structure of a variety of common flowering plants, including trees.

Vocabulary

Environment, Plants, Trees, Leaves, Stem, Roots, Flower, Branch, Trunk, Evergreen, Seed, Seedling, Weed, Living, Grow, growth, component, energy, deciduous, evergreen, flower, plant, tree, structure, roots, stem, leaf, trunk, flower, bulb, spring, warmth, sunshine, babies, adults, offspring, grow, adults, reproduce, reproduction, needs, survival, water, food, air, live, life, life cycle

Question, identify, name, recognise, label, group, classify, sort, observe, suggest, research, answer, information