

Year 1 Term 1

What can we find out when we explore?

SCIENCE



Begin to recognise different ways you might answer scientific questions.

Use secondary sources to find information and answer questions:

- books
- photographs
- videos

Perform simple tests.

Observe closely.

Complete diagrams:

- labelled pictures
- labelled diagrams
- matching vocabulary to picture
- annotated photographs

Know that by observing living things over time we can monitor changes.

As a class, record our findings and understanding in a range of ways.

Explore the work of:

- Met Office (weather predictions, forecast)
- Mary Anning (fossils, palaeontologist)

Observations over time.

Use your observations and ideas to suggest answers to questions.

Long-term Memory Knowledge:

Give examples of animals that are herbivores, carnivores or omnivores and talk about what they eat – show an understanding of what each term means.

Sort animals and talk about how they have grouped them and why, paying attention to simple features. Talk about some of the differences between each that can be observed, e.g. claws/sharp teeth.

Key Vocabulary

herbivore	an animal that eats plants
omnivore	an animal that eats plants and meat
carnivore	an animal that eats meat
diet	the food that animals eat

Progression in Resources:

Research books

Animal models

Photographs of animals

Relevance

Now	Children know 'animals' covers many living things that can be grouped according to some similarities. They will know different animals have different diets.
Future	Children have an interest in animals and their care; they are able to care for pets appropriately; they know where to find particular animals in the wild and recognise the importance of preserving their environments.
Aspiration	Children have an interest in a career working with animals, e.g. vet, animal welfare, environmentalist, marine biologist, pet owner, farm worker; they work or volunteer for animal charities, either practically working with animals or in management and administration.

National Curriculum Links:

Identify and name a variety of common animals that are carnivores, herbivores and omnivores. Identify and classify.

Gather and record data to help in answering questions.

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

Perform simple tests.

Essential Prior Learning:

Children know that they use their teeth to chew their food. Children will be able to talk about foods they eat and foods they don't eat.

Progression in Skill:

Identify and name a variety of common animals that are carnivores, herbivores and omnivores.

Use simple features to compare objects, materials and living things.

With help, decide how to sort and group materials and living things.

Gather and record data in a class table/chart to help in answering questions.

Ask their own simple questions, e.g. What properties does a material have?