



Linked learning theme: Wonderful World

Summer term, Year 4

Science – Habitats

Prior Knowledge

In KS1, children learnt about simple ways to group and classify animals according to their characteristics.

Core knowledge

- Living things can be grouped in a variety of ways.
- A classification key is used to identify different organisms by asking questions.
- Food chains describe feeding relationships within a habitat.
- Energy in a food chain comes from the sun.
- Every food chain begins with a producer, usually a green plant which uses the energy from the sun.
- Consumers get their energy from eating other animals or plants.
- Predators are animals that eat other animals.
- Prey are animals that are eaten by predators.
- Food chains can be combined to form a food web.
- Environments change and this can sometimes pose dangers to living things.

Key skills

- Ask relevant questions and make careful observations, identifying similarities and differences.
- Classify based on observable characteristics.
- Gather, record, classify and present information in a variety of ways to help in answering questions.
- Use simple scientific language.
- Report on findings from enquiries and use straightforward scientific evidence.

Vocabulary

habitat	invertebrates	mammals	consumer
classify	fish	identification key	predator
animals	amphibians	food chain	prey
plants	reptiles	producer	food web

Learning Outcomes

- I know that living things can be grouped in a variety of ways.
- I can explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.
- I can construct and interpret a variety of food chains, identifying producers, predators and prey
- I recognise that environments can change and that this can sometimes pose dangers to living things.
- I can gather, record, classify and present data in a variety of ways to help in answering questions.

- I can ask relevant questions and use different types of scientific enquiries to answer them.