

Perton Primary Academy Knowledge Organiser

Science Topic: Habitats

Year Group: 2

Overview:

This topic teaches children about habitats and what a habitat needs to provide. They explore local habitats to identify and name living things. Children will begin to understand how living things are suited to their habitats.

Opportunities to develop working scientifically:

- Observing closely
- Identifying and classifying
- Gathering and recording data to help in answering questions.

Key vocabulary:

- Living
- Dead
- Non-living
- Habitat
- Microhabitat
- Woodland
- Shelter
- MRS GREN
- Climate
- Ocean
- Rainforest

Prior Learning:
Year 1: Animal Parts

Future Learning:
Year 4: Grouping and Classifying

Key knowledge:

Difference between living, dead and non-living things.

Explore and compare the differences between things that are living, dead, and things that have never been alive.

-What makes something living, dead or never alive, discussing the seven processes of living things.

Habitats and microhabitats

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

-What is habitat?

-What types of habitats would different living things need?

-Identifying basic needs in different habitats.

-Adaptations that animals make in their habitat, so they are suited.

-Investigation of microhabitats.

-How can animals keep themselves safe?

Memorable Learning Experiences:

Exploring habitats

Take learners to a woodland area and explore the different micro-habitats. Why do the mini-beasts choose to live there?

Assessment Questions:

- Can you name three different types of habitats?
- What is a micro-habitat?
- Can you explain the difference between living, non-living and never lived.