

Knowledge Organiser

Science Year 2 Autumn 1

Plants and animals in local habitats (including micro-habitats) Local

Previous learning:

- Animal/mini beast habitats (EYFS – Summer 1)
- Trees (Year 1 – Autumn 2)
- Plants (Year 1 – Summer 1)

Key Vocabulary	Objectives <i>taken from Progression Document</i>	Key Knowledge
habitats micro-habitats environment survive basic needs conditions	<p>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.</p> <p>Identify and name a variety of plants and animals in their habitats, including microhabitats.</p> <p>Habitats provide the preferred conditions for the animals/plants that live there (compare local habitats and less familiar examples).</p>	<p>The habitat provides the basic needs of the animals and plants – shelter, food and water.</p> <p>Identify different habitats – forest, desert, mountain, sea etc.</p> <p>Identify plants and animals in their habitats for example a camel and a desert, a polar bear and a polar region etc.</p> <p>Identify microhabitats such as inside a tree, under a leaf etc. and understand that they are substantially smaller than a habitat.</p>

		Children will be able to identify and name a variety of plants and animals in their habitats and micro-habitats, both near school and beyond in less familiar places. They will be able to explain the conditions in the habitats, and micro-habitats.
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Extended Knowledge
Compare and contrast different habitats.

Working Scientifically

TAPS Assessment

Woodlice Habitat

Do: Observe over time and record data to help in answering questions

Concept context

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

Possible opportunities:

Classifying

- Classify minibeasts found in the environment based on physical structure.
- Classify plants found in the environment

Observing over time

- Explore animals in micro-habitats throughout the year (under a rock, under a log, in a pond, in a bush, in the long grass).
- Explore plants in micro-habitats throughout the year (e.g. woodland area, ponds, meadows).

Pattern Seeking

Children generate questions for investigation such as:

- Are there more daisies in the meadow or on the field?
- Where do you see more ivy?
- Where do you see more butterflies?
- Where do snails live?