

Year 2 Science Knowledge Organiser – Spring

Topic: Living things and their habitats



Science

Key Knowledge

By the end of this unit pupils will...

Living things and their habitats.

Food chains

Children will know that all living things need food to survive. Food chains show how each animal gets their food. Children will know that a producer makes their food, these are eaten by a consumer, the final animal in the food chain is a predator. Children will use this knowledge and research to create a food chain.



Habitat

A habitat is a natural place animals live. We will be learning about different habitats on land such as desert, woodland and coastal areas. We will be researching why a habitat is suitable for certain animals and what food chains are available in that habitat. For example a fox lives in woodland, a fox eats a rabbit, a rabbit eats grass

Living, dead or never alive

Children explore and compare the difference between things that are living, things that are dead and things that have never been alive. Living things need certain things to survive such as water, food and shelter.

Key Vocabulary

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Food chains

Transfer of energy from one living thing to another.

Producer

Has the ability to make its own food for example a plant

Consumer

A living thing that consumes (eats) another living thing for energy.

Key Vocabulary

habitat

A **habitat** is the natural place something lives. A **habitat** provides **living** things with everything they need to **survive** such as food, shelter and water.

microhabitat

A **microhabitat** is a very small **habitat** in places like under a rock, under leaves or on a branch. Minibeasts live in **microhabitats**. The **microhabitats** have everything they need to **survive**.



habitat

Working Scientifically

	<ul style="list-style-type: none"> Ask questions Recognise when identifying and classifying will help me answer my questions. Use secondary sources to identify and classify things. Look for similarities and make comparisons.
	<ul style="list-style-type: none"> Ask questions Make careful observations Use scientific language Draw and label what you observe Use observations to suggest answers to questions Talk about and explain observations using scientific knowledge and understanding. Observing over Time
	<ul style="list-style-type: none"> Ask questions and find different ways to answer them. Use scientific language Use equipment to make observations Make careful observations Talk about findings Make simple conclusions

Useful Links

Is it alive (BBC bitesize video) [Click here](#)

The food chain (BBC bitesize video) [Click here](#)

