

# My Knowledge Journal



Classification of Living Things



# Animal Adventures

# Pre Knowledge Quiz

Q1. Which of these is not a microhabitat? (Tick ✓ one)

- a) under a log                      b) the ocean                      c) under fallen leaves                      d) in the grass
- 

Q2. Which of these might you find in a microhabitat? (Tick ✓ two)

- a) lion                      b) woodlouse                      c) shark                      d) worm
- 

Q3. Sam has found a woodlouse under a large rock. What does a woodlouse need to survive? (Tick ✓ one)

- a) food                      b) air                      c) water                      d) food, water and air
- 

Q4. Place these in the correct place to create a simple food chain



Grass



Gazelle



Lion



# Animal Adventure Knowledge Organiser

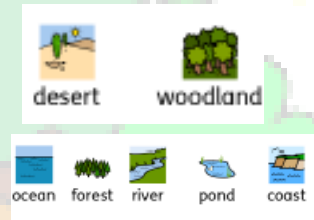
<b>carnivore</b>	An animal that eats meat.
<b>herbivore</b>	An animal that only eats plants.
<b>omnivore</b>	An animal that eats plants and meat.
<b>food chain</b>	A series of living things which serve as food for the one before it in the series.
<b>habitat</b>	The natural environment in which an animal or plant normally lives or grows in.
<b>microhabitat</b>	A small part of the environment that supports a habitat, such as a fallen log.
<b>source</b>	Where something comes from.
<b>vegetation</b>	Plants, trees and flowers.
<b>invertebrate</b>	An animal that does not have a backbone.
<b>vertebrate</b>	An animal that does have a backbone.
<b>survive</b>	To stay alive.

## Let's Investigate

- Which **habitat** do woodlice prefer? Designing microhabitats for woodlice to choose between and recording their preferences.
- Compare two different **habitats** and explain what animals and plants can be found there.
- Compare two different **microhabitats**. What do you notice about the **minibeasts** that live in each one? Why do you think that is? How do the minibeasts help keep the microhabitat healthy?
- Answer questions such as 'Why would a polar bear not **survive** in the desert?'
- Create simple **food chains** that begin with a **plant**. What would happen if one of those living things in a food chain did not exist?

## Key Questions and Facts

### What is a habitat?



- A **habitat** is a place where living things, such as animals and plants, can find all the things they need to **survive**. This includes food, water, air, space to move and grow and some shelter.
- Some **habitats** are large, like the oceans and some are very small, such as under a log.
- Some **habitats** in our local area include woodlands, hedgerows and rivers. Other habitats include the coast, deserts and forests.

### What is a micro-habitat?



- **Microhabitats** are very small **habitats** where minibeasts may live – under stones, in grass, under fallen leaves and in soil.
- **Minibeasts** that can be found there include worms, woodlice, snails, ants, centipedes and millipedes and they help to keep the microhabitat healthy.
- **Minibeasts** are able to survive in their habitats because they can find the things they need to **survive**, such as food and water.

### How do animals and plants depend on each other?



- Animals and plants depend on each other to **survive**.
- This is called a **food chain**
- All living things (or things that were once living) have a part to play in **food chains**. Without them, other animals and plants may not be able to **survive**.

## What should I already know?

- Comment and ask questions about some of the things they have observed in the world.
- Shows care and concern for living things and the environment.
- Know about similarities and differences in relation to places and living things.
- Make observations of animals and plants and explain why some things occur, and talk about changes.
- Know what a habitat is.
- Able to identify and sort living, non-living and things that have never been alive.

- Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.
- Identify and name a variety of common animals that are carnivores, herbivores and omnivores.
- Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).

# My Knowledge Builder

My Previous Knowledge...

New knowledge I have learnt...

Week  
1

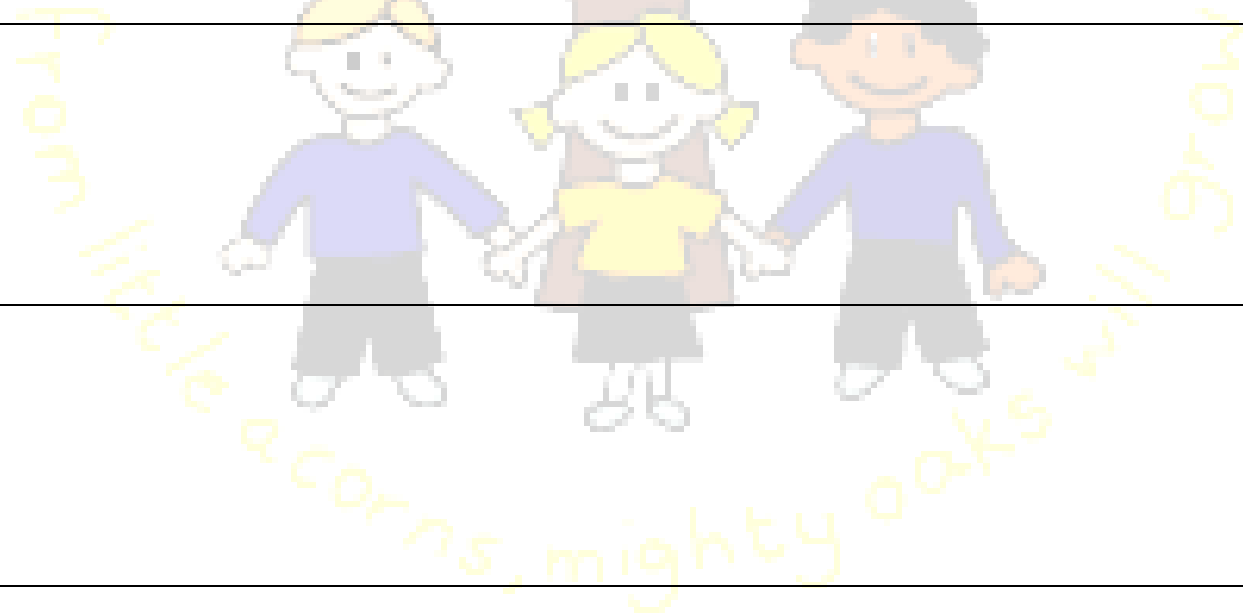
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Week  
2

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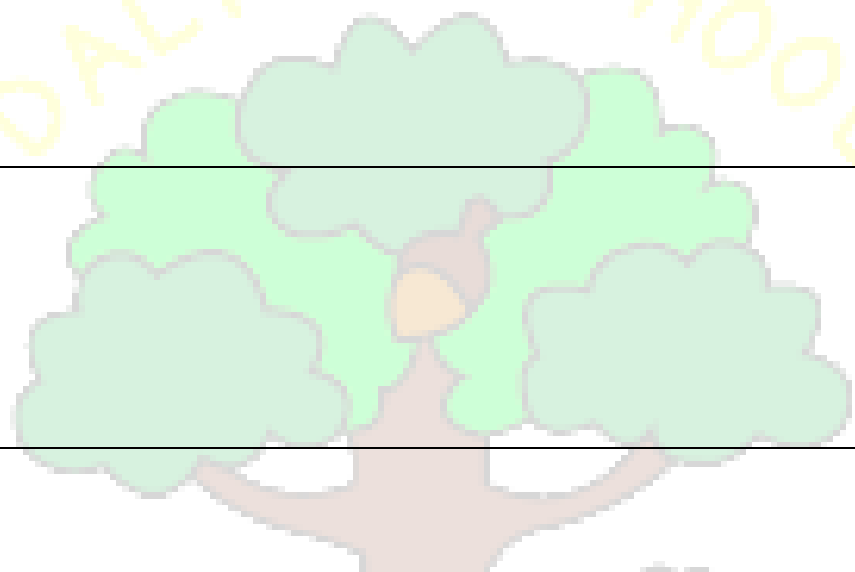
Week  
3

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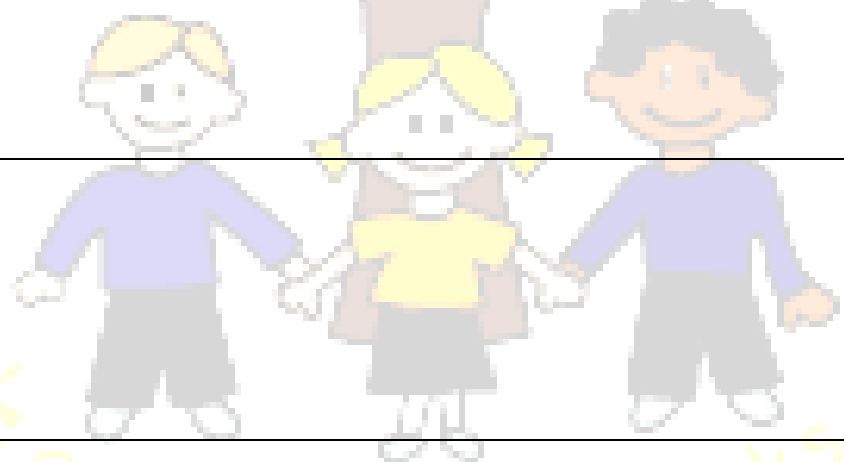


Week 4	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>
Week 5	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>
Week 6	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>
Week 7	<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>

DALTON SCHOOL



From little acorns, mighty oaks will grow



# Post Knowledge Quiz

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