

Welcome to this book

This book will help you revise the science you have learnt in Years 1 and 2.

Green headings show you which topic is covered.


Illustrations and scientific diagrams help you to understand the topic.

Find out about words in **bold** by turning to the Glossary.


Habitats

Habitats contain **living** things. They also include things such as **stones** or sand that are **non-living**.


Most living things are suited to the habitats they live in. Worms live in the soil because they eat dead **leaves** in the soil. Worms have damp skin and living in the soil stops their skin drying out. Worms depend on **plants** to provide the dead leaves.



Rabbits live in holes in the ground. Other **animals** such as foxes eat rabbits. Living in the ground helps to stop the rabbits from being eaten. Rabbits depend on the plants near their holes for food.



Insects live under rotting logs because they eat dead **wood**. The logs also protect them from animals that want to eat them. This is an example of a **micro-habitat**.



Test yourself

Look back at (pages 6 and 7) to help you.

1. Why do caterpillars live on plants?
2. Why do you think ferns grow best in a wood instead of in an open field?
3. Do you think that birds could live in the woods? Explain your answer.

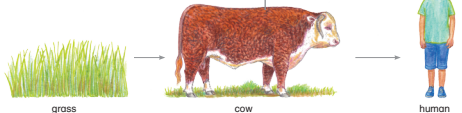
Remember

Animals and plants live in habitats that they are suited to.


Food chains

Animals need food to stay alive. Some animals only eat plants and some animals eat other animals. We can show different animals that eat each other in a **food chain**. A food chain always starts with a plant. The arrows show the direction that food goes through the chain.


This food chain is for you eating a burger.



There are different food chains in different habitats. This food chain is for a garden.



This food chain is for a pond.



Test yourself

1. Name the plant in the food chain for a pond.
2. Which animal in the pond eats plants?
3. Which animals in the pond eat other animals?
4. Wheat is a plant that is used to bake bread. Draw a food chain for you eating a slice of bread.

Remember

Animals eat plants or other animals. A food chain shows what different animals eat.

This tells you which pages can help you with these questions.

Test yourself questions to check your understanding (answers are at the back of the book).

Remember boxes summarise important information.

How to revise

- Turn to the topic and read about it.
- Read the Remember box and then cover it up. Can you remember what it says?
- Read the Test yourself questions and write your answers on a piece of paper.
- Check your answers against the right answers at the back of the book.
- If you got any answers wrong, read the topic again and have another go at the questions.
- If you got the answers right – well done! Move on to the next topic.

Tips for tests

- Always read the question carefully before you answer it.
- Have a go at as many questions as you can. If there is a question you really can't answer, just move on to the next one. You can always come back to it if you have time.
- If you are asked to explain something, you have to give a reason why it happens.
- Use scientific words if you can. For example, 'transparent' instead of 'see-through'.
- If you have time at the end, check through your work.