



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE Primary Science

Workbook 2

Jon Board & Alan Cross

Contents

How to use this book	v
1 Environments and habitats	
1.1 Habitats	2
1.2 Plants in different habitats	5
1.3 Animals in different habitats	9
1.4 Rocks and the environment	12
1.5 Can we care for our environment?	15
2 Forces	
2.1 Forces around us	19
2.2 Changing shape	22
2.3 Changing speed	25
2.4 Changing direction	26
3 Getting materials right	
3.1 Natural and made materials	29
3.2 Properties of materials	32
3.3 Using the right material	35
3.4 Testing materials	38
3.5 Changing materials	41

4 Humans and animals grow

- | | |
|--------------------------------|----|
| 4.1 Comparing animals | 44 |
| 4.2 Growing | 48 |
| 4.3 Inheriting characteristics | 51 |
| 4.4 Keeping healthy | 53 |
| 4.5 Teeth | 57 |

5 Light

- | | |
|------------------------------|----|
| 5.1 Light sources | 59 |
| 5.2 Darkness | 62 |
| 5.3 The Sun appears to move! | 65 |

6 Electricity

- | | |
|----------------------------------|----|
| 6.1 Where do we use electricity? | 68 |
| 6.2 Keep safe with electricity | 71 |
| 6.3 Making circuits | 75 |

- | | |
|------------------|----|
| Acknowledgements | 81 |
|------------------|----|

How to use this book

This workbook provides questions for you to practise what you have learned in class. There is a topic to match each topic in your Learner's Book. Each topic contains the following sections:

Focus: these questions help you to master the basics

Practice: these questions help you to become more confident in using what you have learned

Challenge: these questions will make you think more deeply

Focus

- 1 This plant needs light, water, soil and air.
Draw and label a good habitat around the plant.
Make sure the plant has all it needs.



Practice

- 3 Draw arrows to explain each symbol.



recycle paper



recycle cans



recycle plastic

Challenge

- 3 Finish these sentences.
Use these words.

move

towards you

stop

away from you

a A push is a force _____.

b A pull is a force _____.

c Forces can make things _____.

d Forces can make things _____.

- 4 Write the correct word in each arrow.

Use these words.

push

pull

1 Environments and habitats


> 1.1 Habitats



This local environment is a habitat for many living things.

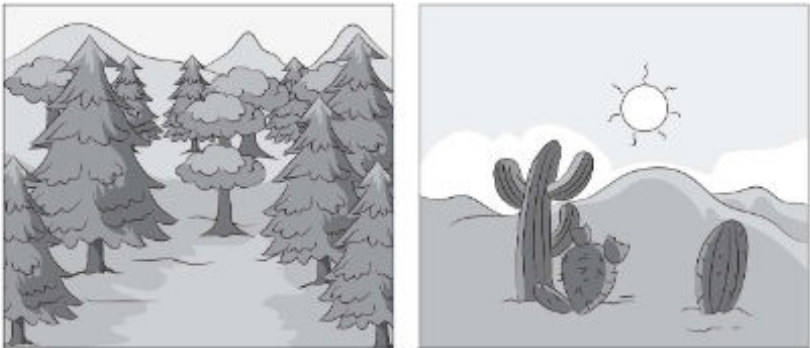
Focus

1 Draw a living thing from this environment in each of the boxes.

Practice

Look at these two habitats.
One is a cool forest, the other a hot desert.



2 Complete the sentences to say how these habitats are different.

Use these words:

living things	cool	dry	forest	eat	plant
---------------	------	-----	--------	-----	-------

- a A habitat is the natural home of an animal or _____.
- b The desert habitat is hot and _____.
- c The forest habitat is _____.

- d The desert habitat has fewer _____.
- e There are many living things in the _____.
- f The forest animals have many plants to _____.

Challenge

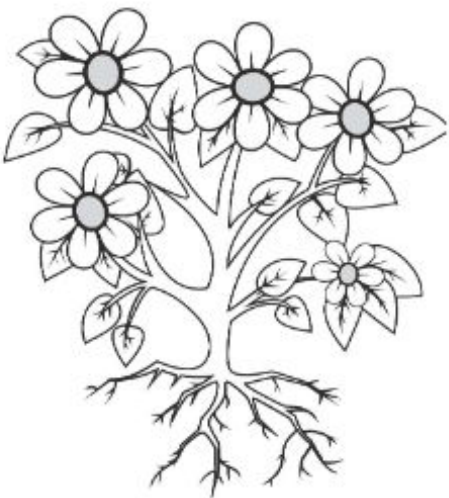
3 Complete the table.
Say where the bird, tree and rabbit find what they need to live.

Living thing	What each living thing needs	Where they find it
bird	food	on the ground and around the tree
	water	
	home	
tree	light	
	water	
	soil	underground
rabbit	food	
	water	
	home	

> 1.2 Plants in different habitats

Focus

- 1 This plant needs light, water, soil and air.
Draw and label a good habitat around the plant.
Make sure the plant has all it needs.



- 2 In the table, draw a circle around the things that the plant will need to grow.

 soil	 rock	 Sun
 trowel	 water	 gardener

Practice

A glasshouse is a house made of glass for plants to grow in.

- 3 a Draw what you would put inside this glasshouse to make it a good place for plants.
b Label the things you draw.



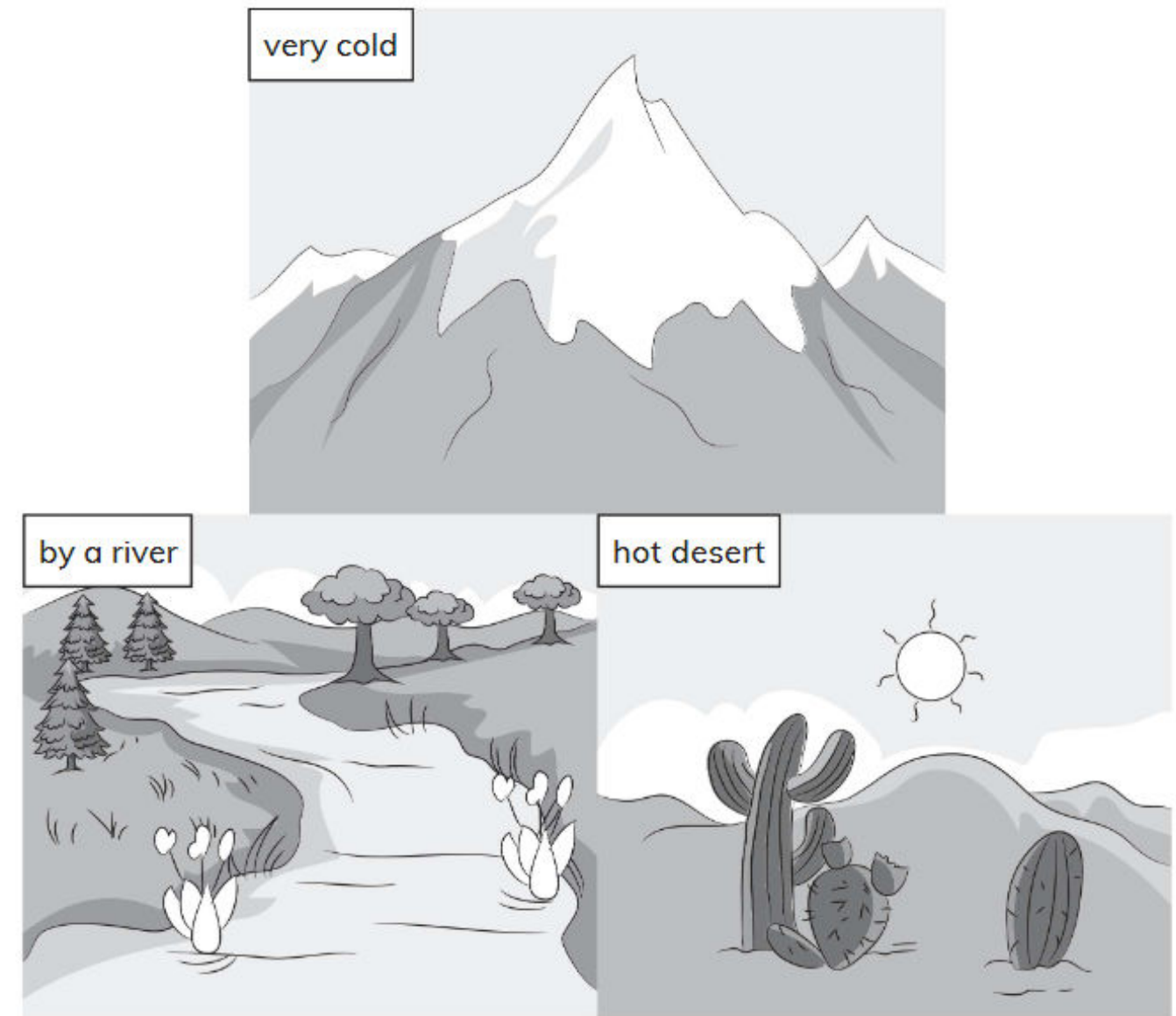
Challenge

Some habitats are good for plants. Here plants will grow.

Some habitats are not so good for plants. Here plants will not grow well.

Some habitats are so bad for plants that they won't grow at all.

Look at these three habitats.



Marcus plants a seed in each habitat.

4 Complete these sentences to say how the seed will grow.

Use these words:

die

grow

water

- a In the hot desert the seed will _____.
- b In the cold habitat the seed will _____.
- c By a river the seed will _____.
- d The seed by the river grows best because it has _____.

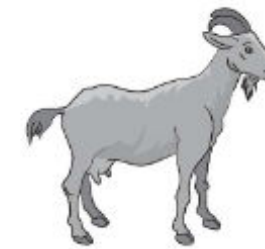


> 1.3 Animals in different habitats

Focus

1 Look at these animals and these local habitats.

Draw a line to show where each animal might live.



goat



duck



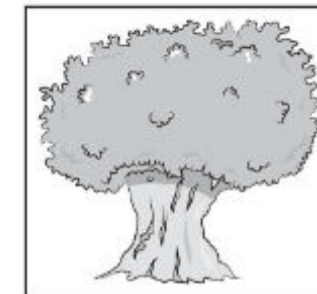
crab



bird



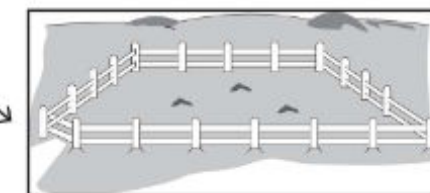
river



tree



seashore



field





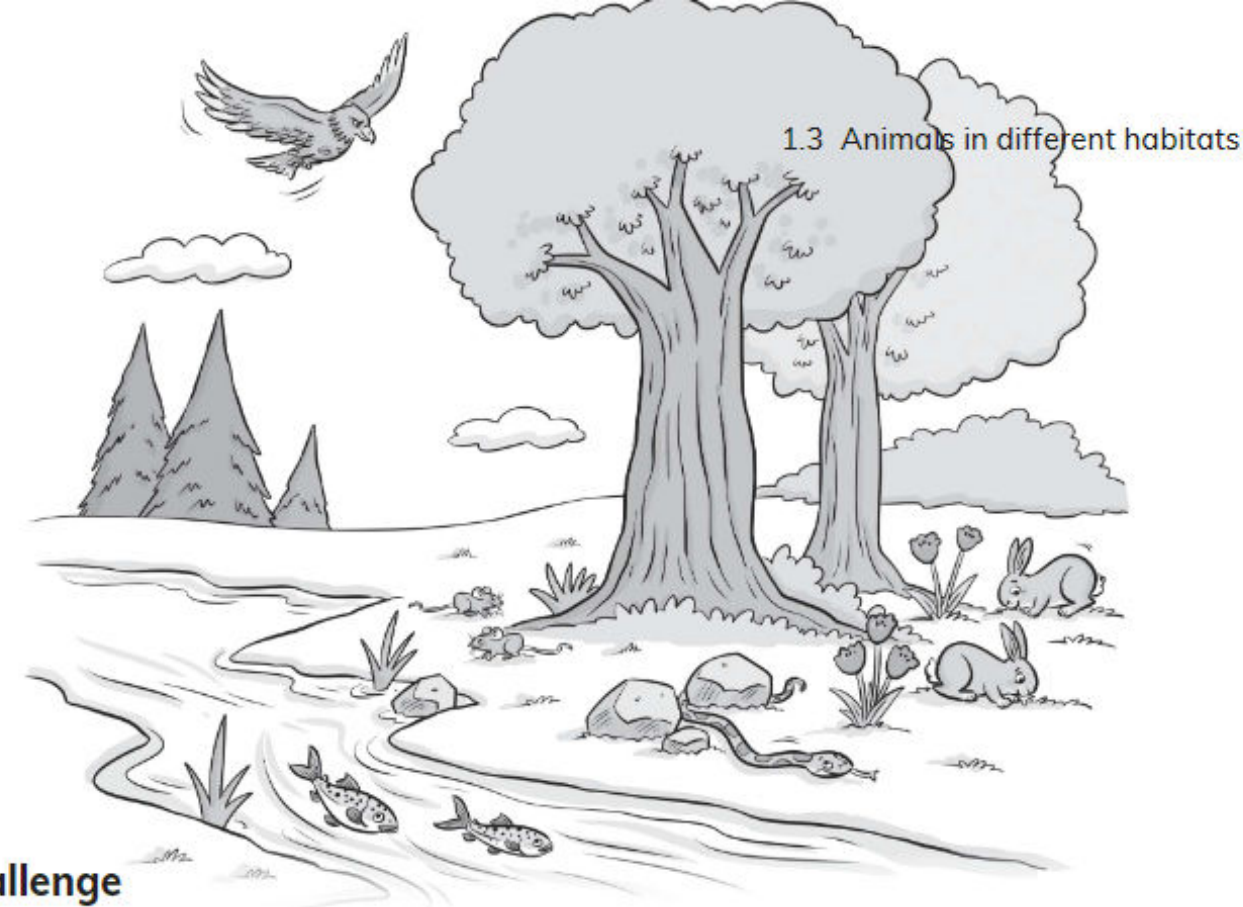
Practice

Each animal in the picture needs a habitat.

2 Complete the sentences using these words:



- The habitat for the mice is by the tree, in the _____.
- The habitat for the frog is in and by the _____.
- The habitat for the rabbits is around the trees and across the _____.
- The bees have a nest in the tree but fly all around looking for _____.
- The eagle hunts around many fields, rivers and _____.
- The animal with the largest habitat is the _____.



Challenge

3 Complete the sentences with these words:



- Lots of plants live by the _____.
These plants have a good habitat so they can live and _____.
- Rabbits and mice eat seeds and _____.
The snake and eagle eat small _____.
- A living thing finds what it needs in the right _____.
Without the things it needs a plant or animal will _____.
- Now draw arrows on this table to show what plants and animals need.

plants need	light	animals need
	water	
	soil	
	air	
	food	
	a home	