

Natural
Science



Cambridge
**Natural
Science**
2

Second
Edition



CAMBRIDGE

Pupil's Book
with eBook

Natural
Science

Cambridge
**Natural
Science**
2

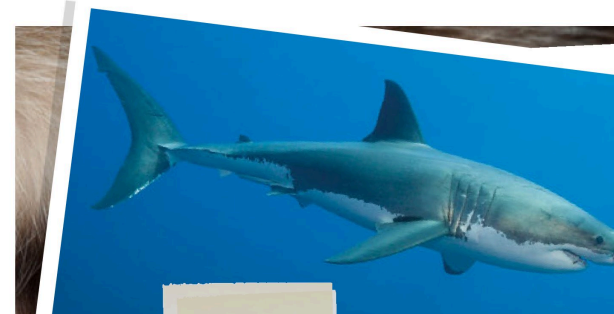
Second
Edition



CAMBRIDGE

Pupil's Book
with eBook

NATURAL SCIENCE 2



Contents

Here we go again!

Page 4

1 How do our bodies work?

Vital functions of human beings

Page 6

2 What kinds of animals are there?

Animals

Page 18

3 What kinds of plants are there?

Plants

Page 32

4 What types of materials are there?

Materials

Page 44

5 How can machines help us?

Machines

Page 58

6 What are light and sound?

Light and sound energy

Page 70

- Introduction to the course characters

- Senses
- Digestive system

- Respiratory system
- Stages of life

- Mammals
- Birds
- Fish
- Reptiles

- Amphibians
- Arthropods
- Molluscs

- Trees, bushes and grasses
- Wild and cultivated plants
- Deciduous and evergreen plants

- Flowering plants
- Non-flowering plants: mosses and ferns

- Natural and non-natural materials
- Properties of materials

- House materials
- Eco-homes

- Simple and complex machines

- Types of energy used by machines
- Inventions

- Light
- Sound
- Internet safety

- Programming

Our Project 1:
How do animals adapt?
pp 30–31

Our Project 2:
Reducing my carbon
footprint pp 56–57

Our Project 3:
Inventions pp 82–83



Hands on

Mindful time

Documentaries

<ul style="list-style-type: none">• Learn about taste.• Make a stomach.	<ul style="list-style-type: none">• How much air can you breathe out?• Make a funny family book.	<ul style="list-style-type: none">• Listen to the gong.	<ul style="list-style-type: none">• Our senses
<ul style="list-style-type: none">• Discover more mammals.• Make a hanging mobile.	<ul style="list-style-type: none">• Make animal riddles.• Make animals.• Present an animal.	<ul style="list-style-type: none">• Be a butterfly.	<ul style="list-style-type: none">• Amazing mammals!
<ul style="list-style-type: none">• Make a plant mural.• Make a deciduous tree.	<ul style="list-style-type: none">• Make a flap poster for the life cycle of a seed.• Make a class fern.	<ul style="list-style-type: none">• We are sunflowers.	<ul style="list-style-type: none">• Forever green
<ul style="list-style-type: none">• Make a materials display.• Build a house.	<ul style="list-style-type: none">• Learn more about eco-homes.• Make a reusable bag.	<ul style="list-style-type: none">• Make different forms.	<ul style="list-style-type: none">• What is it made of?
<ul style="list-style-type: none">• Have a race.• Play a matching game.	<ul style="list-style-type: none">• Invent a robot.• Discover scientific instruments.	<ul style="list-style-type: none">• Try robot massage.	<ul style="list-style-type: none">• Round and round
<ul style="list-style-type: none">• Make a sounds poster.• Make a natural light mini-book.	<ul style="list-style-type: none">• Give a presentation.• Play a game about chores.	<ul style="list-style-type: none">• Hear the sounds.	<ul style="list-style-type: none">• Lights, sound, action!

**Let's
review ...**

Page 84

HERE WE GO AGAIN!

I love flying!



Little Earhart

I like reading books.



Little Braille

I like inventing machines!



Little da Vinci

I love being with chimpanzees.



Little Goodall

I am interested in buildings and materials.



Little Eiffel

I know a lot about plants and books.



Little Potter

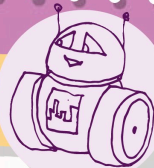
I can think, predict, experiment, observe and conclude.

Scientific method:

- 1 Predict
- 2 Experiment
- 3 Observe and conclude



Scientist card



Put your fingerprint here when you complete a unit.



Name:

Age:

Welcome
Unit

Unit 1

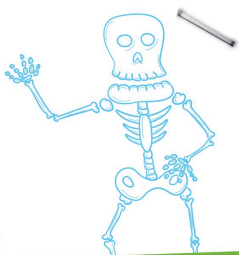
Unit 2

Unit 3

Unit 4

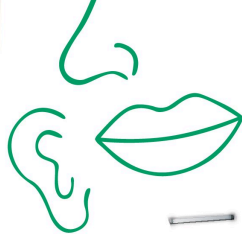
Unit 5

Unit 6



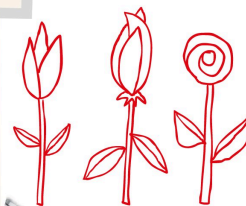
the human
body

senses



animals

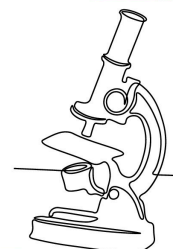
plants



materials



scientific
instruments



What about you?

My favourite topic is _____.

1

HOW DO OUR
BODIES WORK?



Mindful

Listen to
the gong.

time

Can you remember the five senses?

Song

Breathe and eat

Which senses are the children using?



Which sense can't Louis use?



DOCUMENTARY

Our senses

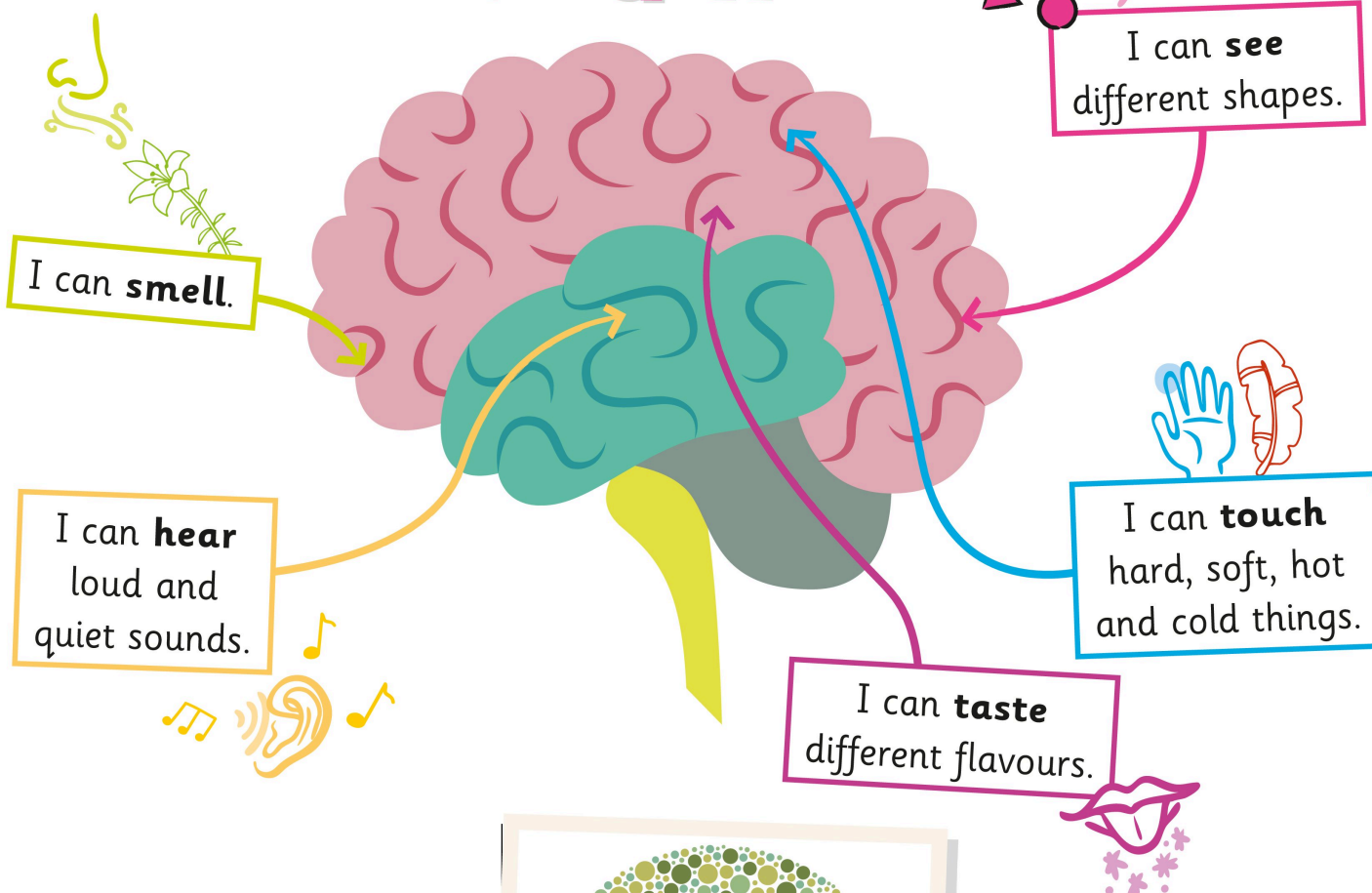
WHAT CAN OUR SENSES DO?

Find something soft in your classroom.

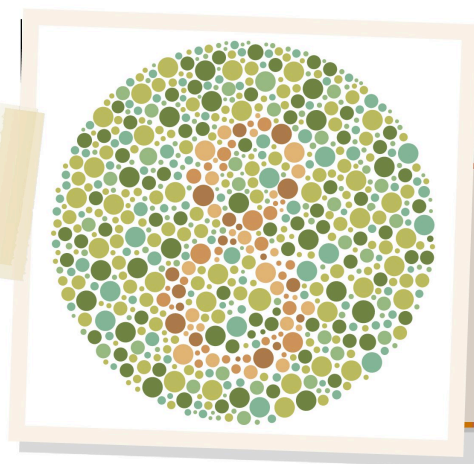
Different parts of the brain read information from different senses.

We have got five **senses**. The senses connect to our **brain**.
We get different **information** from our senses.

brain



Find the feather hidden in the unit!



FUN FACT

Some people are colour-blind. Which number can you see?