

by Margaret Stark



### SCIENCE SKILLS 3



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- Sense of sight
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- Plant reproduction: flowering plants and non-flowering plants
- · Plant nutrition
- Materials: conductors and insulators
- Mixtures
- Inventions: steam engine and telegraph

Questions and Study aids



## Projects and experiments

#### **Documentaries**

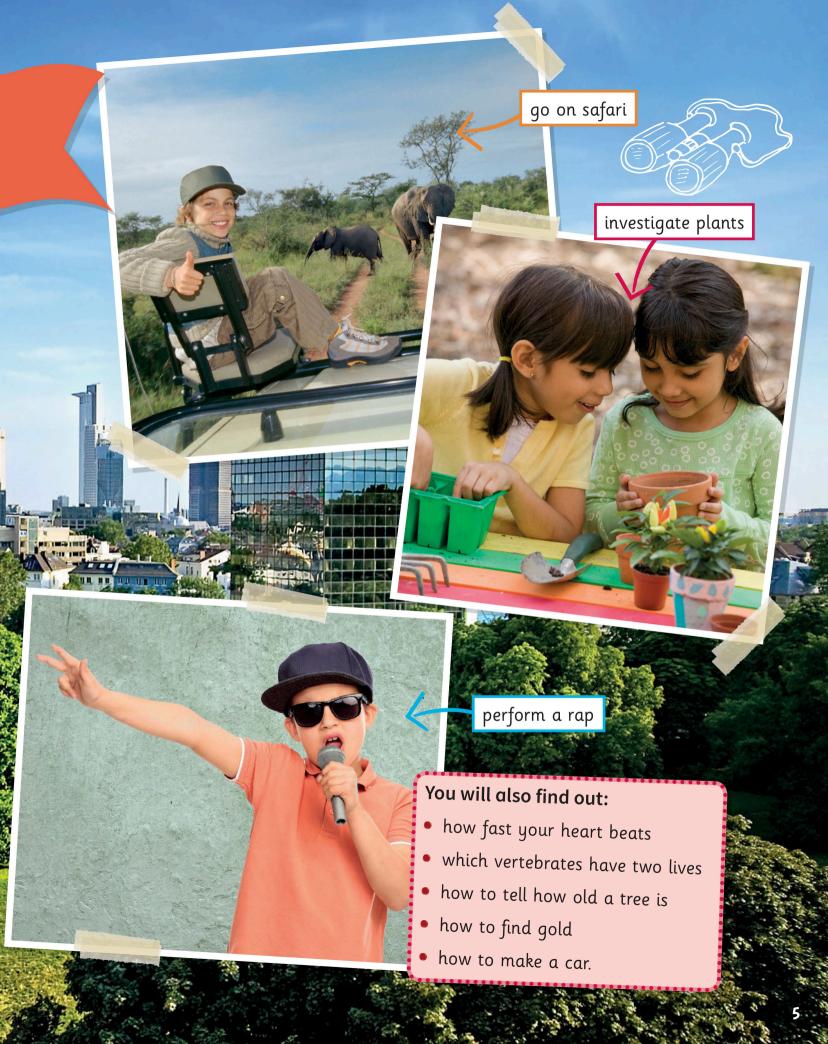
<ul> <li>Make a mural about a season and the five senses</li> <li>Build a pinhole camera</li> </ul>	• Helping the senses
<ul> <li>Write a rap about nutrition</li> <li>Build a model of the respiratory system</li> </ul>	• Say no to fast food
<ul> <li>Give a presentation about animals</li> <li>Find out why animals use camouflage</li> </ul>	• The animal kingdom
<ul> <li>Make a field journal about plants</li> <li>Germinate a seed</li> </ul>	• The plant kingdom
<ul> <li>Create signs to remind people to save water and energy</li> <li>Observe the effect of thermal energy on liquids</li> </ul>	• Energy and matter
<ul> <li>Design a complex machine</li> <li>Communicate using Morse code</li> </ul>	• Incredible inventions



# WELCOME TO CAMBRIDGE SCIENCE SKILLS

Welcome to the amazing world of natural science. In this book, you will:





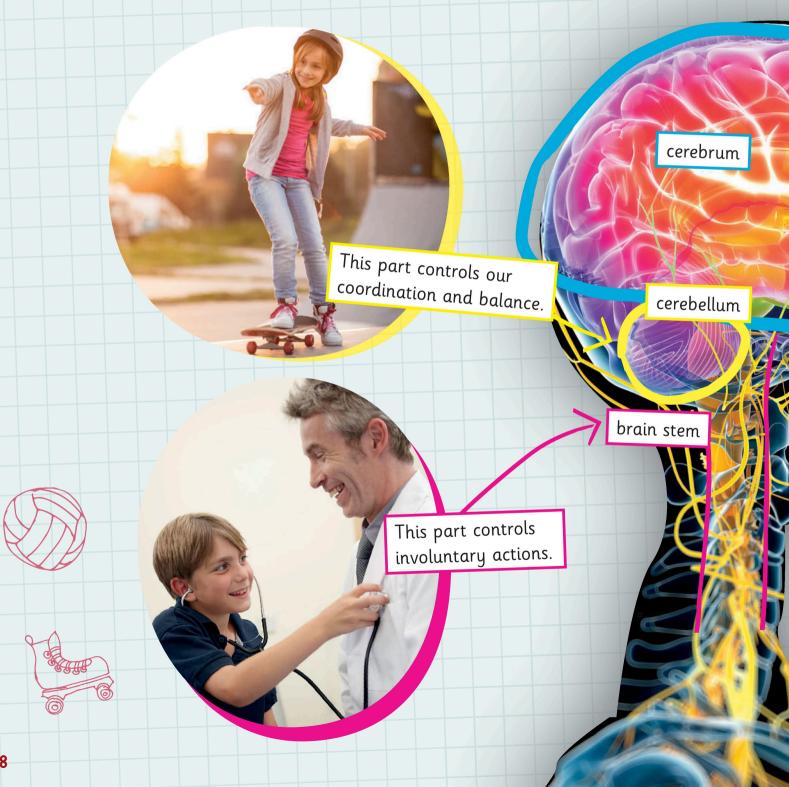




#### HOW DOES YOUR BRAIN WORK?

Body systems are made up of organs<sup>1</sup>. The **brain** is the organ which controls everything we do. It is the control centre of the nervous system.

By the end of this know which part you from falling over.

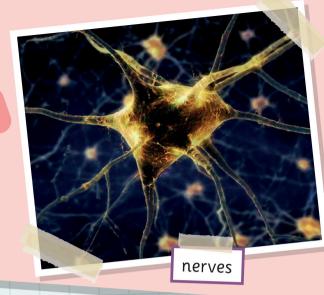


Do you remember what the sense organs are?

Our sense organs send information to our brain. This information travels to our brain through the **nerves**.

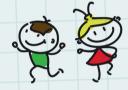


The brain then sends information back, through the nerves, to different parts of the body.



This part controls voluntary actions.





Which part of the brain helps us to dance?



#### nVeStigete stage 1

- Choose one of the four seasons.
- Quickly write down five things it reminds you of.
- Compare your list with a partner.

I've chosen ... It reminds me of ...

**οιθαπ:** α part of the body that does an important job in a body system