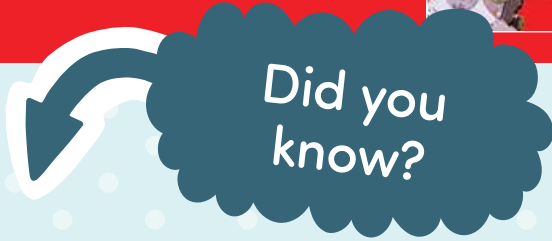
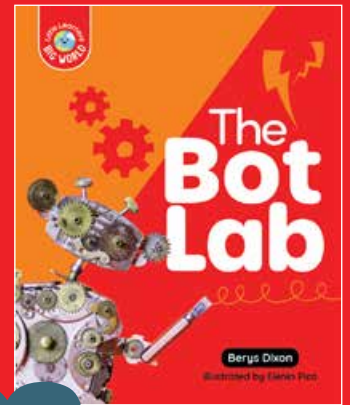


Stage 2: The Bot Lab

Read this page to children (it is not decodable). Use the questions and prompts to talk and write about the topic. Read more: it is important to read a range of other books to children to build their vocabulary and comprehension skills. What other books could you read to children about robots? Or perhaps you might read some more information texts to children and compare them with this book.



More about robots



Today's robots can do things that are dangerous or even impossible for humans, like going to the planet **Mars** or exploring the deepest oceans on Earth.

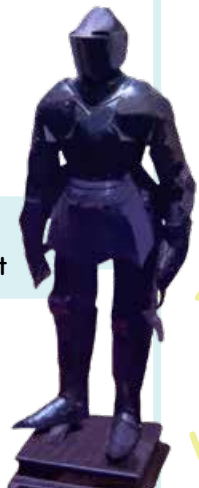


People who design and create robots are called **robotics engineers**.



Robots come in all shapes and sizes. This robot from Japan is as tall as a 5-storey building! His name is **Gundam**.

a model of Leonardo's robot



Famous artist and scientist **Leonardo da Vinci** sketched plans for a robot around 1495 – more than 500 years ago!

Write about it
Ask children to draw their dream 'bot' and give it the heading 'My Top Bot'. They can write a sentence about what it can do, using the prompt:
My bot can ...

Talk about it

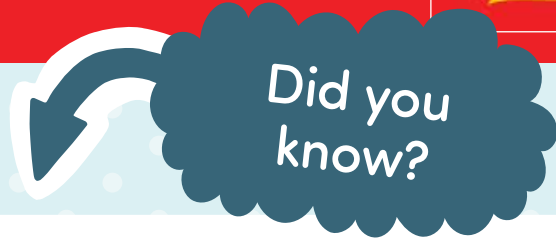
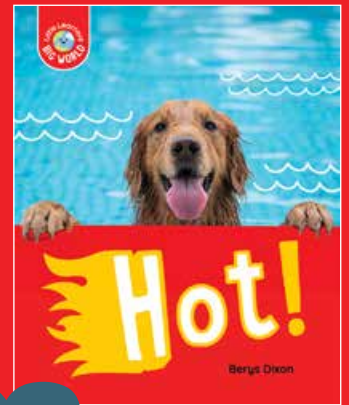
- If you were a robotics engineer, what sort of robot would like to create?
- What would you like your robot to do?
- What would it look like?
- What might you need to build it?

They might like to choose from these action words:
hop, mop, hit, bat, bop, dab, dig, dip, dot, fan, nod, nap, nip, sag, tag.



Stage 2: Hot!

Read this page to children (it is not decodable). Use the questions and prompts to talk and write about the topic. Read more: it is important to read a range of other books to children to build their vocabulary and comprehension skills. What other books could you read to children about heat? Or perhaps you might read some more information texts to children and compare them with this book.



More about being hot



Sweating is your body's way to cool down. Air blows across your watery sweat and helps you stay cool.

On hot days, placing a bowl of **icy water** in front of the fan will really make a difference.

The hot air cools as it blows across the ice making you feel cool and refreshed! This is called **evaporative cooling**.



The water in natural **hot pools** has been heated by hot rocks deep below Earth's surface. But beware, some pools are too hot for a dip!

There are many hot water pools around the world, often in places where there were once **volcanoes**.



Talk about it
Discuss the ways we can stay cool and comfortable on hot days; for example, stay in the shade, sip water, wear loose comfortable clothing, splash about in the water.

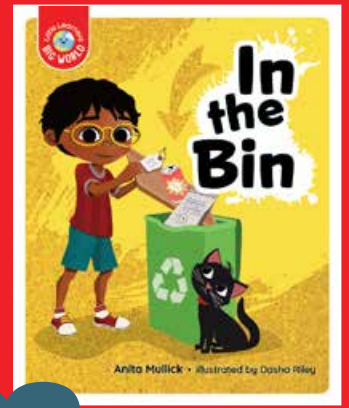


Dogs **pant** to cool down, as they can't sweat like humans do.

Write about it
Ask children to draw a picture of themselves feeling hot, and label it: 'I am hot!'. Then, children can make a drawing to show how they cooled down, and add a speech bubble: 'Hot? I am not!'



Stage 2: In the Bin



Read this page to children (it is not decodable). Use the questions and prompts to talk and write about the topic. Read more: it is important to read a range of other books to children to build their vocabulary and comprehension skills. What other books could you read to children about bins and recycling? Or perhaps you might read some more information texts to children and compare them with this book.

Did you know?

More about bins and recycling



Some of your household rubbish can be **recycled** in your recycling bin. Let's look at what happens to a plastic bottle when you recycle it.



A **recycling truck** comes to pick up the things in your recycling bin, including the plastic bottle.



The flakes are then melted and made into **new products**.

The items go to a recycling sorting centre to be **sorted** by people and machines. The plastic bottle will be grouped with other plastic items.



The sorted plastic items go to a plastics plant and are made into **flakes**. The flakes are washed and sorted by colour.



Talk about it

Ask children to talk about what items of household rubbish they put in their recycling bin. What things go into their general rubbish bin? Can they think of other ways to use these things instead of throwing them away?

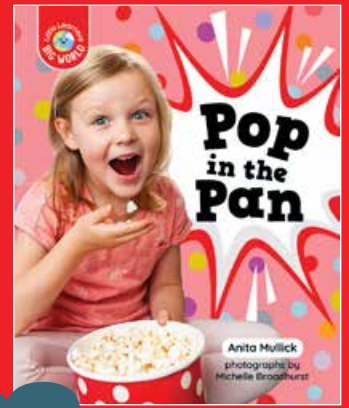
Write about it

Ask children to draw the bins they have at home. Then, ask them to write items from the book next to the right bin.



Stage 2: Pop in the Pan

Read this page to children (it is not decodable). Use the questions and prompts to talk and write about the topic. Read more: it is important to read a range of other books to children to build their vocabulary and comprehension skills. What other books could you read to children about popcorn? Or perhaps you might read some more complex procedural texts to children and compare them with this book.



Did you know?

More about popcorn



Popcorn comes from corn cobs. The kernels are cut off and left to dry out. But not too much, as it's the water in a kernel that makes it pop!

In 1948, popcorn was discovered in a cave in the USA. Scientists studied it and said it was over **5000 years old!**



The **Aztecs** who lived in Mexico thousands of years ago worshipped a god of corn. Some pots show him **wearing popcorn** on his headdress!



Popcorn today can be **microwaved** as well as popped in a pan. And you don't have to go to the movies to enjoy it!



There are lots of topping options for popcorn. These include cinnamon, sea salt and chocolate, and salt and vinegar. What toppings do you like?

Talk about it

Ask children if popcorn is a snack they like to eat.

- When do they eat it?
- Which flavours do they like?
- Is the way they have their popcorn healthy?

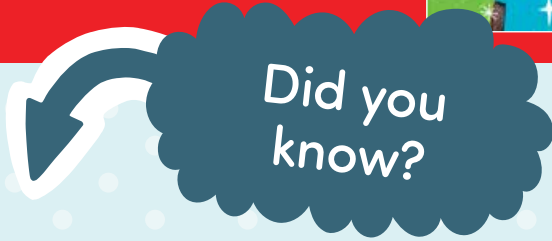
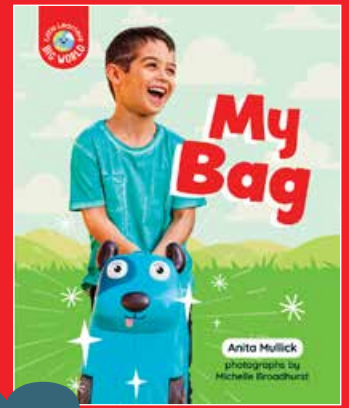
Write about it

Ask children to use the book as a reference to write the steps to make popcorn. They can illustrate each step.



Stage 2: My Bag

Read this page to children (it is not decodable). Use the questions and prompts to talk and write about the topic. Read more: it is important to read a range of other books to children to build their vocabulary and comprehension skills. What other books could you read to children about bags? Or perhaps you might read some more information texts to children and compare them with this book.



More about bags



A **backpack** is a bag that you carry on your back. This is useful as you still have your hands free to do other things with!

You can pack your sports equipment and clothes into a **gym bag**. These often have mesh panels to make sure the bag doesn't get too stinky!



A **waterproof drawstring bag** can be good for keeping sleeping bags dry.



You should take a **reusable bag** the supermarket to put your groceries into. But don't pack it too full or it might be hard to carry!



A **handbag** can be an outfit accessory as well as useful to carry your things!

Laptop bags are padded to protect computers from getting damaged.



Talk about it

Ask children if they think Vin's bag (Dan Dog) is a good bag to take on holiday.

- What are the good things about it?
- What things would you have to think about when packing it?

Write about it

Ask children to draw their own bag and write their own bag tag. They can write or draw the things in their bag.

They might like to choose from these words:
bag, fin, tin, fan, big, dog, hat, cap, bat, map, mat, pad.

