



What is a robot?

Book band: Lime

This book explores many different types of robots and the jobs they can do.

Skills focus

- 1a Draw on knowledge of vocabulary to understand texts
- 1b Identify / explain key aspects of fiction and non-fiction texts, such as characters, events, titles and information
- 1d Make inferences from texts
- Monitor understanding

Guided reading session

You will need

- Multiple copies of Collins Big Cat *What is a robot?*

Tune in

Ask children to look at the front cover and to read the title.

Ask the following questions:

- What do you think a robot is?
- What kind of book do you think this is? (*non-fiction*)

Ask them to read the back cover blurb.

Ask: What kind of features do you think this book will have? (*contents, glossary, index, captions*)

Ask children to find the contents page. Discuss what a contents page is for and how to use one.

Ask them to find the section called 'What is a robot?'.

Read page 3.

Ask: Why do you think the word 'experts' is in bold print? (*It's in the glossary.*)

Challenge children to use the contents to find the glossary and to look up and read the entry for 'experts'.

Focus on the index and explore children's knowledge of what an index is for and how it is organised.

Read pages 4 and 5 aloud to children.

Ask them to read the heading on page 4.

Ask: What is the answer to this question? (*no*)

Encourage them to support their responses with references to the text.

Heads together

Ask children to turn to page 6, to read the heading and discuss the question with their Reading Partner.

They can then read pages 6 and 7 to find the answer.

This activity can be repeated with pages 8 and 9 and pages 10 and 11.

Wrap up

Discuss children's reading activity with them, using their responses to check their understanding of what they have read.

Ask: What is the most interesting fact you have found out so far?

Vocabulary boost session

You will need

- Multiple copies of Collins Big Cat *What is a robot?*
- Flipchart or whiteboard
- A4 whiteboards and pens

Vocabulary table

Focus word	Child-friendly explanation	Example sentence	Tell me...
accurately	If you do something accurately, you do it very precisely.	The little boy put the bricks on top of each other accurately.	Tell me about something you can do accurately.
possibly	You use 'possibly' to show that you aren't sure of something.	There are a few clouds in the sky so I think it could possibly rain.	Tell me about something that you think will possibly happen.
probably	You use 'probably' to show you are quite sure of something.	There are huge clouds in the sky so I think it will probably rain.	Tell me about something that you think will probably happen.

Tune in

Ask children to remind you what this book is about.

Ask: What have you learnt so far about robots?

Read pages 12 to 15, explaining the meaning of the focus words as you read them. You may wish to use the information in the Vocabulary table above to help you.

Ask: How would you feel about having a robot teacher?

On the flipchart or whiteboard, write up the focus words and example sentences.

Ask children to read them and repeat the explanations of their meanings.

Heads together

Use the 'Tell me' prompts in the Vocabulary table to develop children's understanding of the focus words.

Ask further questions as they respond, to build on this understanding.

Explore the difference of likelihood between 'possibly' and 'probably'.

Wrap up

Challenge children to develop their own sentences that contain the focus words. They can write them on their A4 whiteboards and hold them up to show you. Use this as an opportunity to monitor their understanding of the words.

Ask children to choose one of the focus words as their word of the week and challenge them to use it as often as they can – both at home and at school.

Follow-up independent sessions

You will need

- Multiple copies of Collins Big Cat *What is a robot?*
- Multiple copies of Resource sheet: Quiz

Children can read pages 16 to 19.

They can then answer questions 1 to 3 on Resource sheet: Quiz.

Children can read pages 20 to 23.

They can then answer questions 4 to 6 on Resource sheet: Quiz.

Children can read pages 24 to 27.

They can then answer questions 7 to 9 on Resource sheet: Quiz.

Resource sheet



Name: _____

Quiz

1. What do doctors do when they are using robots?

2. What are the good things about using robots to do an operation?

3. What is the robot that can drive a car called?

4. What is the flying robot called?

5. What are the benefits of using drones to deliver parcels?

6. How much does the robot dog SPOT cost?

7. What is the name of the girl who has robotic arms?

8. Why will more people be able to have a robot in the future?

9. Which planet is the robot Perseverance exploring?



Quiz answers

1. They watch a screen and move levers.
2. Robots are very precise and they never slip or drop anything.
3. IVO
4. a drone
5. They save money on drivers and fuel, and they won't get held up in traffic jams.
6. \$74,000 or £60,000
7. Tilly Lockey
8. They will become cheaper to make.
9. Mars