

**DO YOU
KNOW?**



- *Do You Know?* is a new series of **levelled non-fiction books** featuring video content and critical-thinking activities to motivate and engage young learners.
- Covering a range of **STEM topics**, the series takes an enquiry-based approach, developing children's language, communication and investigation skills.
- Launched in 2020, the series will expand annually to cover a variety of science-based topics including engineering, space and technology. Our second tranche, engineering, published in 2021 and technology will publish in October 2022. Our first tranche of titles is in partnership with BBC Earth.
- Each title is linked to the **Cambridge Primary Science curriculum** as well as being levelled against the **Common European Framework of Reference (CEFR)** and **Lexile** levels.
- Individual titles are 32pp

DO YOU KNOW?

A series of

BIG QUESTIONS to encourage young scientists



For more information go to:
www.ladybirdeducation.co.uk

Explores

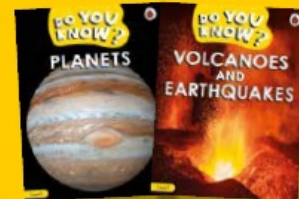
biology, zoology, biodiversity and climate change, and evolutionary science

engineering, construction, and mechanics

technology, computer science, AI, video games, palaeontology and climate change

astronomy, physics, geology, geography, palaeontology and climate change

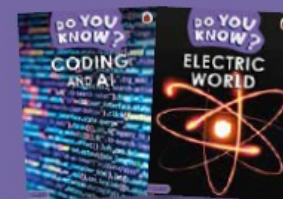
Level 1
CEFR Pre-A1



Level 2
CEFR A1



Level 3
CEFR A1+



Level 4
CEFR A2



DO YOU KNOW?

What shape are towers?

There are many **different shapes** of towers.

This tower is a triangle shape.

Eiffel tower, France

triangle

This building is a triangle shape, too.

The Flatiron Building, USA

rectangle

This tower has lots of rectangles.

The Cube, Lebanon

PROJECT

Work with a friend.

Look at the towers in this book. Draw a tower using a different shape.



PROJECT

Work with a friend.

1 Find a plastic bottle. 2 Fill 1/2 of your bottle with water and blue food colouring. 3 Fill the rest of the container up with vegetable oil. 4 Close your bottle, and roll it on a table! Watch the waves move in your sea.

Quiz

Choose the correct answers.

- How much of a person's body is water?
 a about 75%
 b about 60%
 c about 37%
- What travels on a canal?
 a cars
 b trains
 c boats
- With the help of a lock, a boat can travel . . .
 a by road.
 b underwater.
 c up a hill.
- What is behind a dam?
 a a lake
 b an aqueduct
 c a tunnel



Activities on every spread including 'Look', 'Watch', 'Think', 'Find out' and 'Projects'

Quiz at the end of every book to test comprehension

Beautiful, full-colour photography on every page including recognisable landmarks from across the globe.

Can you build in the desert?

Petra was an important city for many years. Today, its country is called Jordan. The Nabateans built it in the desert.

Petra, Jordan

The builders of Petra **cut** columns and buildings out of the mountains.



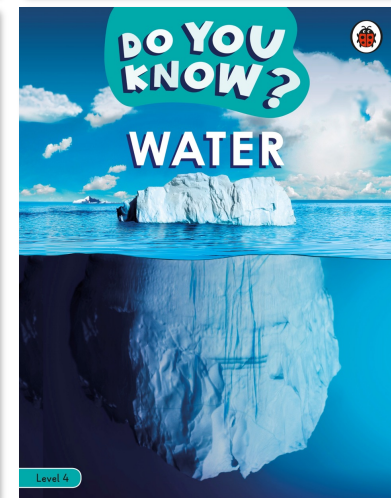
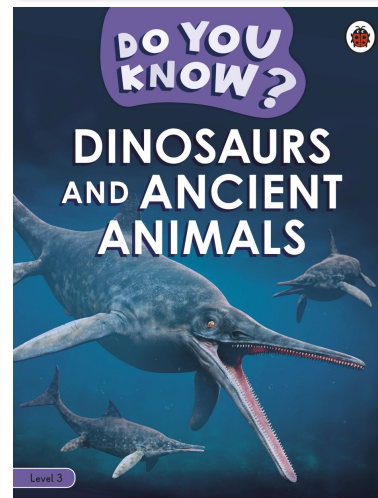
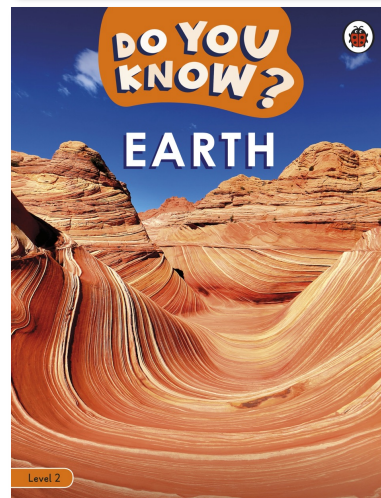
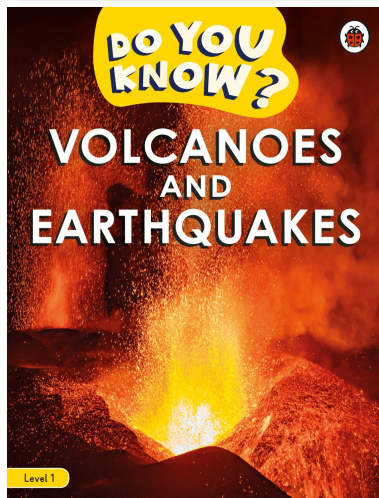
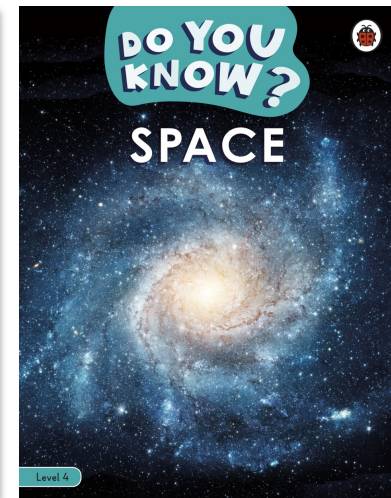
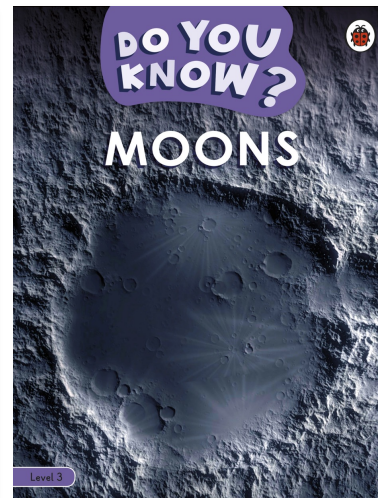
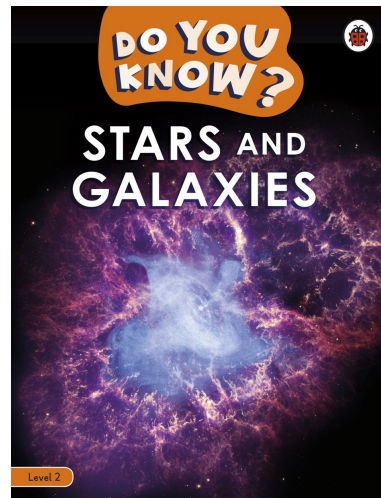
In the mountains of Jordan, it only rains sometimes. The people of Petra built channels to carry water into the city. They used this water when there was no rain.



FIND OUT!

Use books or the Internet to find out where water in your school or home comes from.

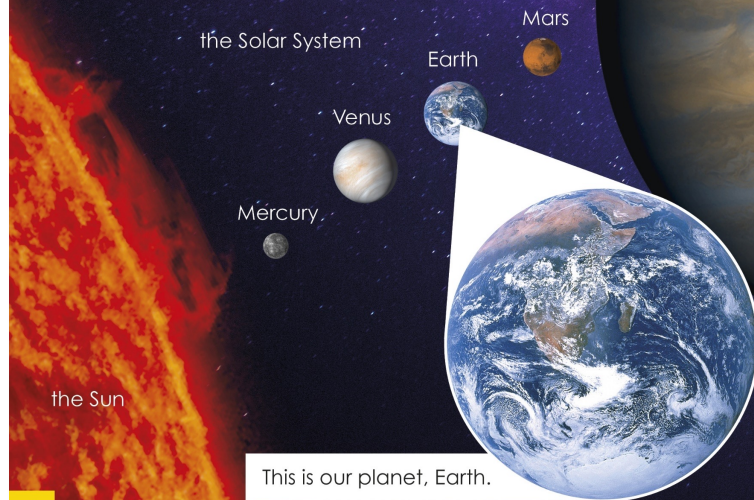
New in 2023



8 Titles | 32pp | 255x195mm | 19/10/2023

What is the Solar System?

A solar system has a sun and planets. Our Solar System has eight planets.



LOOK!

Look at the pages.
Which is the biggest planet? Which is the smallest?
Which is the nearest to the Sun?

7

Where do stars come from?

About 14 **billion** years in the past, there were no stars. Today, there are billions and billions of stars in space!

Look at the nebula. A nebula is lots of gases. The gases come together and get very hot. Then the gases make a star.

space

nebula

protostar

A protostar is a baby star.

 **WATCH!**

Watch the video (see page 32).
How old is Barnard's star? Is it older than the Sun?

Quiz

Choose the correct answers.

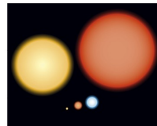
- 1 A star is a . . .
- a group of planets.
 - b big ball of hot gases.
 - c solar system.



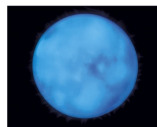
- 2 A baby star is a . . .
- a nebula.
 - b protostar.
 - c galaxy.



- 3 Very big stars are . . .
- a hypergiant stars.
 - b dwarf stars.
 - c yellow stars.



- 4 Blue stars are . . .
- a cold.
 - b hot.
 - c very, very hot.



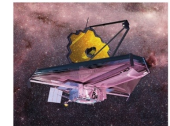
- 5 Stars change . . .
- a gases into planets.
 - b hydrogen into helium.
 - c helium into hydrogen.



- 6 The Milky Way is . . .
- a a nebula.
 - b a hypergiant star.
 - c a galaxy.



- 7 We need a . . . to see stars well.
- a nebula
 - b balloon
 - c telescope



- 8 Supernova explosions can make . . .
- a neutron stars.
 - b galaxies.
 - c solar systems.

