

DINOSAURS AND ANCIENT ANIMALS

What are the oldest animals? What did dinosaurs eat?
What is a fossil? Find out more about Earth's
most ancient animals.

Do You Know? is a series of levelled non-fiction books featuring video content, project work and critical-thinking activities to motivate and engage young learners. Covering a range of STEM topics from nocturnal animals to climate change, *Do You Know?* takes an enquiry-based approach, developing children's language, communication and investigation skills.

- Level 1

Pre-A1 • 400 headwords
- Level 2

A1 • 600 headwords
- Level 3

A1+ • 800 headwords
- Level 4

A2 • 1100 headwords

Lexile measure 540L • Word count 890

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Earth and space

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DO YOU KNOW?

DINOSAURS AND ANCIENT ANIMALS

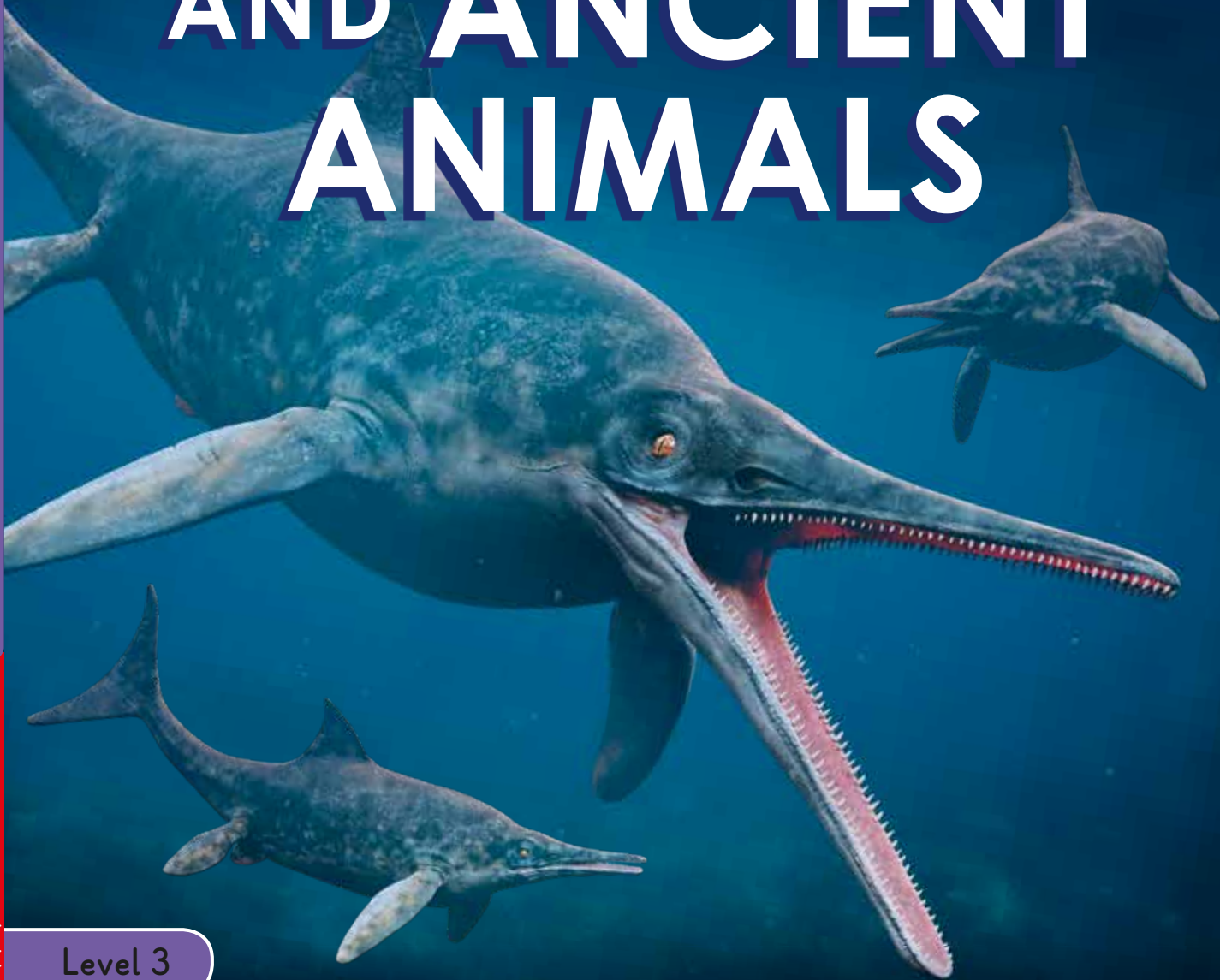
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Ladybird

DO YOU
KNOW?



DINOSAURS AND ANCIENT ANIMALS

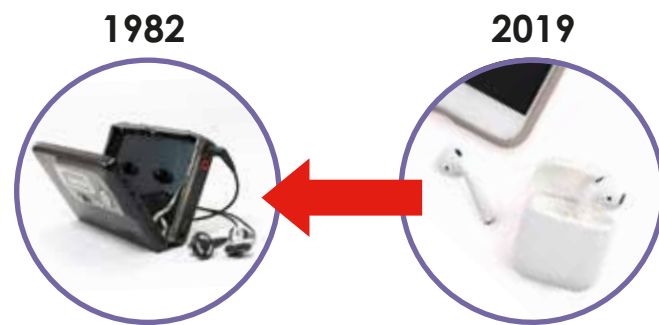


Level 3

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New words



years ago



ancient
(adjective)



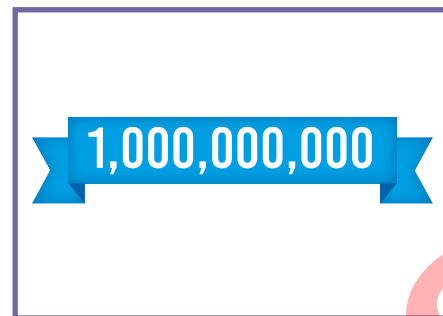
feather



forest



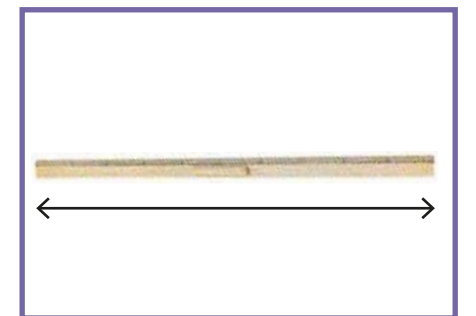
asteroid



billion



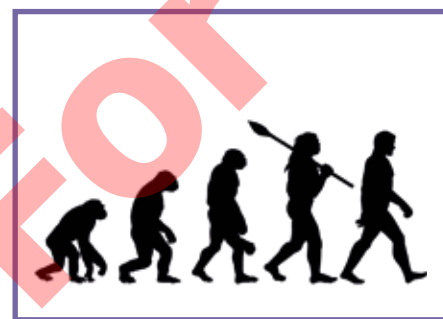
life



metre



dinosaur



evolve



million



rock

What are the oldest animals?

Earth is about 4.6 **billion** years old!
Life began in Earth's seas about
3.7 billion **years ago**.

The first plants **evolved** about 900 **million**
years ago, and the first animals evolved
about 890 million years ago.



fossil

We learn about **ancient**
animals from fossils.



sponges

Sponges are very old animals.



fungi

Fungi are older than animals!



FIND OUT!

Use **books or the internet** to find out where
the first plants and animals evolved.

What was the Cambrian explosion?

Look at these interesting animals from the Cambrian explosion! The Cambrian explosion was a time when many new animals evolved in Earth's seas. It started about 530 million years ago and took 13 to 25 million years to end.

Hurdia victoria evolved in the Cambrian explosion and was one of the first animals to eat other animals.

Hurdia victoria



trilobite

Trilobites evolved in the Cambrian explosion and lived for about 270 million years.



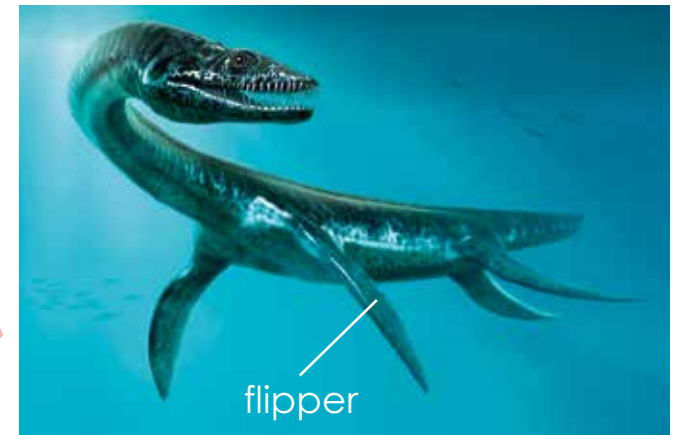
PROJECT

Work with a friend. Make a poster about some of the different animals from the Cambrian explosion.

What lived in ancient seas?



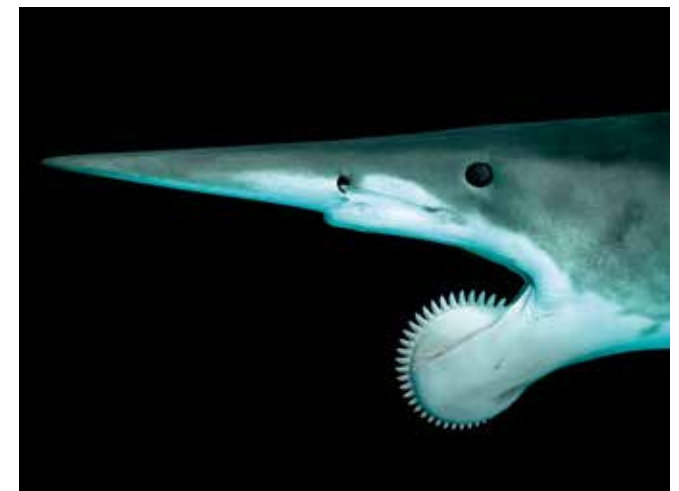
Some of the sea animals millions of years ago were very big. The biggest sea animals were the ichthyosaurs. Shastasaurus was an ichthyosaur. Shastasaurus could be 21 metres long and lived 210 million years ago.



Plesiosaurus used flippers to move in the sea.



Plesiosaurus had lots of big teeth.



Look at Helicoprion's mouth!

 **THINK!**

Can you see these animals in the sea today?