

FAST AND SLOW

How do animals move? What flies fast?
Find out all about quick cats, slow penguins
and slithering snakes.

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

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Living things in their environment; parts of the body

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Activity
Sheets



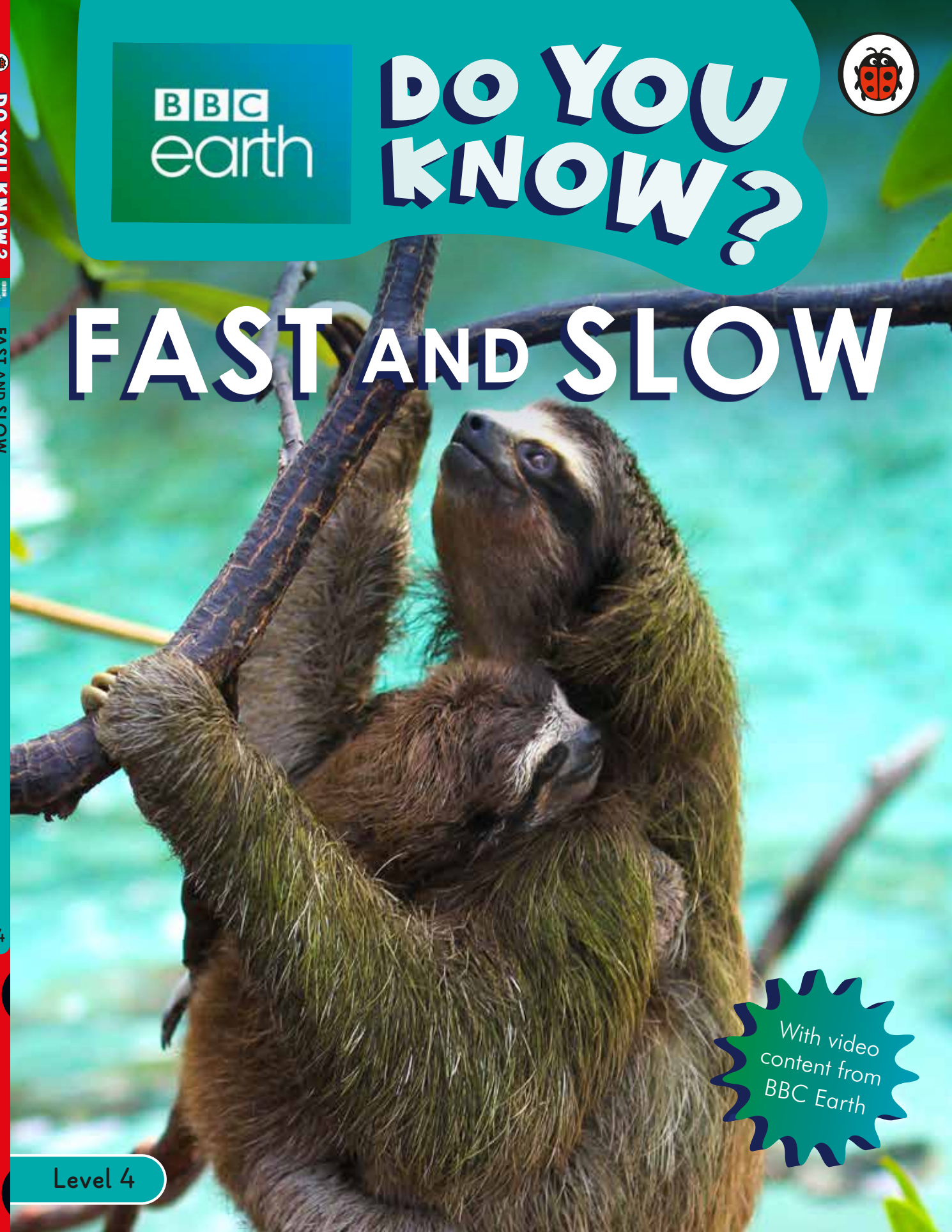
Video

BBC
earth

DO YOU KNOW?



FAST AND SLOW



With video
content from
BBC Earth

Level 4

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New words



dive
(verb)



hunt
(verb)



prey
(noun)



seabed



insect



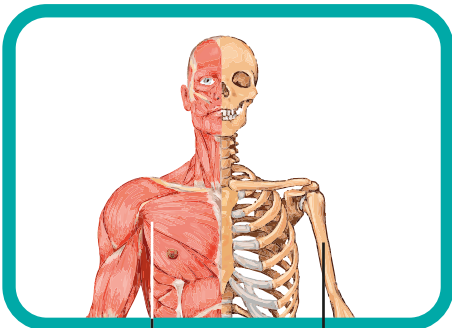
mammal



skeleton



skin



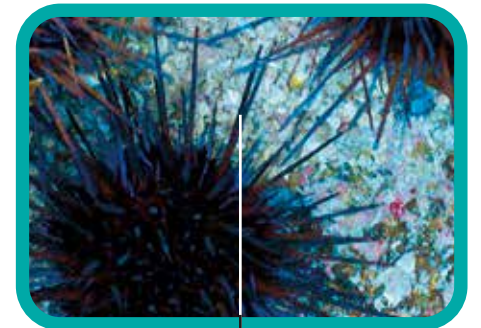
muscle bone



predator



speed



spine

How do animals move?



An animal uses **muscles** to move its body. When muscles get shorter, they pull on part of the body and make it move.



Vertebrates are animals with **bones**. Muscles pull on the **bones** to make them **move**.

Bats, dolphins and cheetahs are vertebrates. They each have a **skeleton** and muscles.



Invertebrates are animals with no bones. Many invertebrates have hard **skin**. Muscles **pull** on the hard **skin**.



This crab is an invertebrate. Its hard shell is like a skeleton.



PROJECT

Work in a group. Make a table of vertebrates and invertebrates. Think of three examples of each type of animal. How do they move?

Which animals need speed?

Some animals move fast when they want to catch food. Animals can also move fast when a **predator** is running after them!



Wolves and bison can run for a long time before they get tired.

Wolves are predators.

Wolves **hunt** in groups.



Some **wolves** **hunt** bison. They can **run** after the **bison** for up to 32 kilometres. **The bison** get tired and the **wolves** can catch them.

Bison eat plants. They are large animals with strong muscles.



Wolves have long legs and thin bodies, which are good for running fast.



WATCH!

Watch the video (see page 32).

Why do the wolves try to catch a baby bison?
How does the mother bison protect her baby?

How slow is a sloth?



A sloth is very slow!
This three-toed sloth is the slowest **mammal** in the world. It takes a long time to walk a metre!

Sloths move so slowly that little plants grow in their fur. The plants make the sloths **look green**.

Sloths walk and climb slowly, but they are very good swimmers.



Sloths and koalas do not need **speed**. They eat plants, and plants cannot run away!



Koalas sleep for most of the day.



Koalas live in trees and eat leaves.



LOOK!

Look at the pages.
Why do sloths look green?