

VIRUSES AND BACTERIA

Why do we get colds? Can we grow bacteria?
What are antibiotics? Find out more about cells,
Petri dishes and penicillin.

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.

Starter Pre-A1 • 300 headwords

Level 1 Pre-A1 • 400 headwords

Level 2 A1 • 600 headwords

Level 3 A1+ • 800 headwords

Level 4 A2 • 1100 headwords

Lexile measure 550L • Word count 1175

Cambridge Primary Science curriculum link:
Life processes

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DO YOU KNOW?

VIRUSES AND BACTERIA

4

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DO YOU KNOW?



VIRUSES AND BACTERIA

Level 4

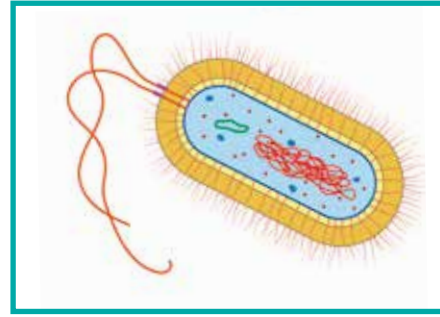
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New words



air



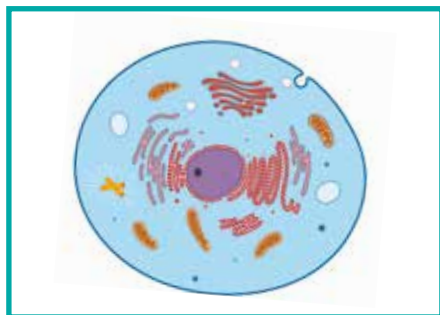
bacteria



microscope



scientist



cell



disease



skin



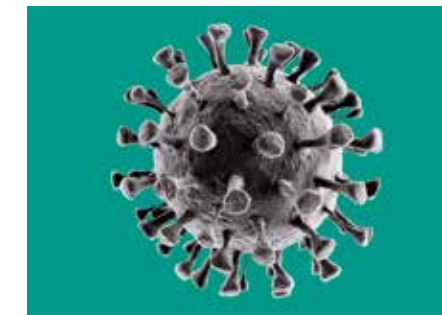
tiny



human
(adjective)



medicine



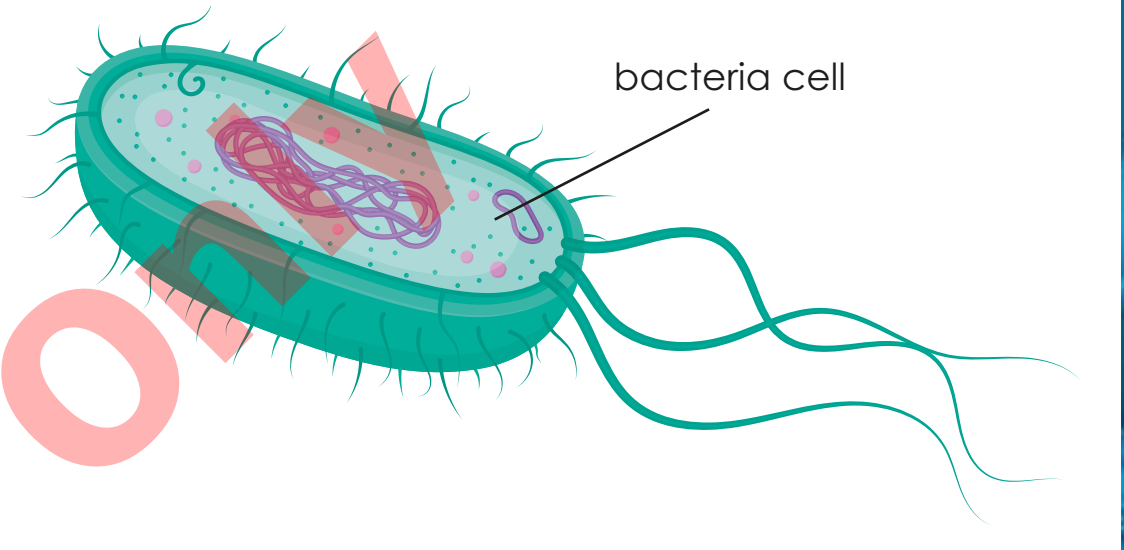
virus

What are bacteria?

Bacteria live all around us, but we cannot see them. They are very, very small.

Some bacteria live on our **skin** and inside our bodies. Other bacteria live in the ground or in water. Most bacteria do not hurt us, but bad bacteria can make us ill.

Everything that lives is made of **cells**. We are made of many, many different cells, but bacteria are made of only one cell.



 **LOOK!**

Look at the pages. What do bacteria look like? Are they all the same?

How many bacteria live inside us?

Lots and lots of bacteria live inside our bodies. There are more bacteria cells in our bodies than **human cells**!

Bacteria live in different places, for example, on our skin and eyes. There are lots of bacteria in our mouths, too.



Most of the bacteria in our bodies live in our intestines. Some bacteria can make us ill.



There are many kinds of bacteria. They are different colours and sizes, but they are all very small.

 **WATCH!**

Watch the video (see page 32).

How many bacteria live in our intestines?
Why are these bacteria important?