

Before you watch

1a Match the words to the pictures.

- 1 hot 2 cold 3 windy 4 snowfall 5 dry
 6 sand 7 ice 8 penguins 9 seals 10 camels



1b How are the two places similar?

While you watch

2a Watch the first part of the video and check your answer to Exercise 1b.

2b Watch the second part of the video and complete Sophie's notes.

ANTARCTICA is the biggest ¹..... in the world. It's also the ²....., driest and windiest place on earth

Ice

covers ³.....% of the land

Snow

1-2cms every ⁴.....

Desert

Don't need ⁵..... for a desert. A desert is a place that gets little ⁶.....

Animals

Some land animals, for example Antarctic ⁷.....

People - not many!

Scientists go there to study the wildlife and the ⁸.....

2c Watch all of the video and answer the questions.

- 1 Where is Sophie in the first scene?
- 2 Who is Tamsin?

3a Look at the pictures and answer the questions.

- 1 **Picture a** is of a drill. It makes holes in hard materials. What material is it drilling?
- 2 **Picture b** is of tubes. What do scientists keep in the tubes?
- 3 **Picture c** is of a block of ice. What does Tamsin say it can tell scientists about the environment?



3b Watch the third part of the video and check your answers to Exercise 3a.

4 Watch the third part of the video again and match the beginnings of the sentences (1–4) to the endings (a–d).

- 1 Scientists drill down through the ice
- 2 When snow falls
- 3 Scientists can find out how much carbon dioxide and greenhouse gases
- 4 Life in Antarctica isn't boring because

- a it traps bubbles of gas.
- b you can go skiing, climbing and snowboarding.
- c were in the atmosphere.
- d to find out what happened in the past.

5 Watch the third part of the video again and complete Sophie's warning.

Sophie If global warming ¹..... this ice to ²....., it will affect all of our lives.

After you watch

6a Complete the answers to these questions with these words.

animals atmosphere (x2) get create earth increase melts rise

What is global warming?

It is an ¹ increase in the Earth's temperature.

What is the greenhouse gas?

Gases like CO₂ are released into the ²..... (by cars, factories, animals, plants). These gases ³..... heat, making the ⁴..... warmer.

What happens next?

Global warming ⁵..... snow and ice and this causes sea levels to ⁶..... . Countries ⁷..... too hot; for people, plants and ⁸..... .

6b Work with a partner. Take turns to interview each other using the questions and answers in Exercise 6a.