# Antarctica – Landscape

**Lesson 3**

**Silent Study Starter:**

Watch the video clip on **Antarctica's landscape** Choose at least one of these questions and be ready to feed it back into a class mind map.

1. How thick is the ice?
2. What are the ripples visible in the ice called?
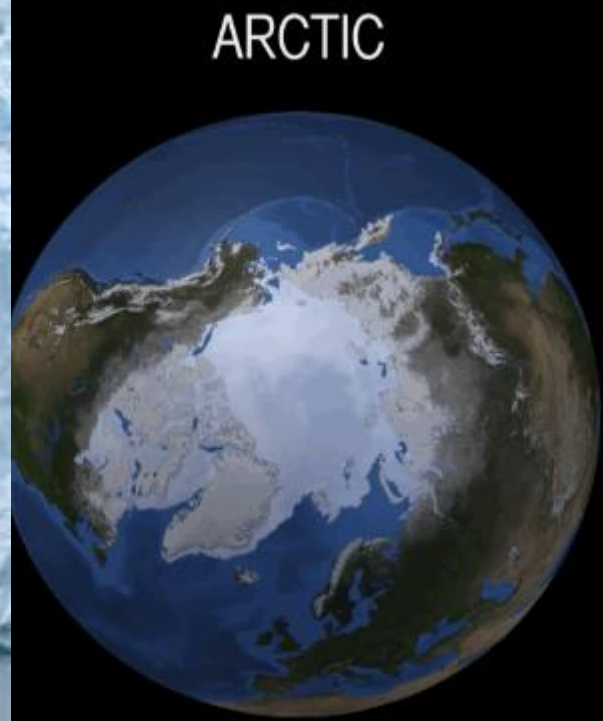3. The air is very cold. What does this mean?
4. What lies beneath the ice?

**Learning Intention:** What is Antarctica's landscape like – how is different to our own?

**Success Criteria:** Be able to describe adaptions of animals to the environment of Antarctica in detail.

# AVERAGE TEMPERATURE (MAX & MIN °C)

10

0

-10

-20

-30

-40

JAN F

ARCTIC

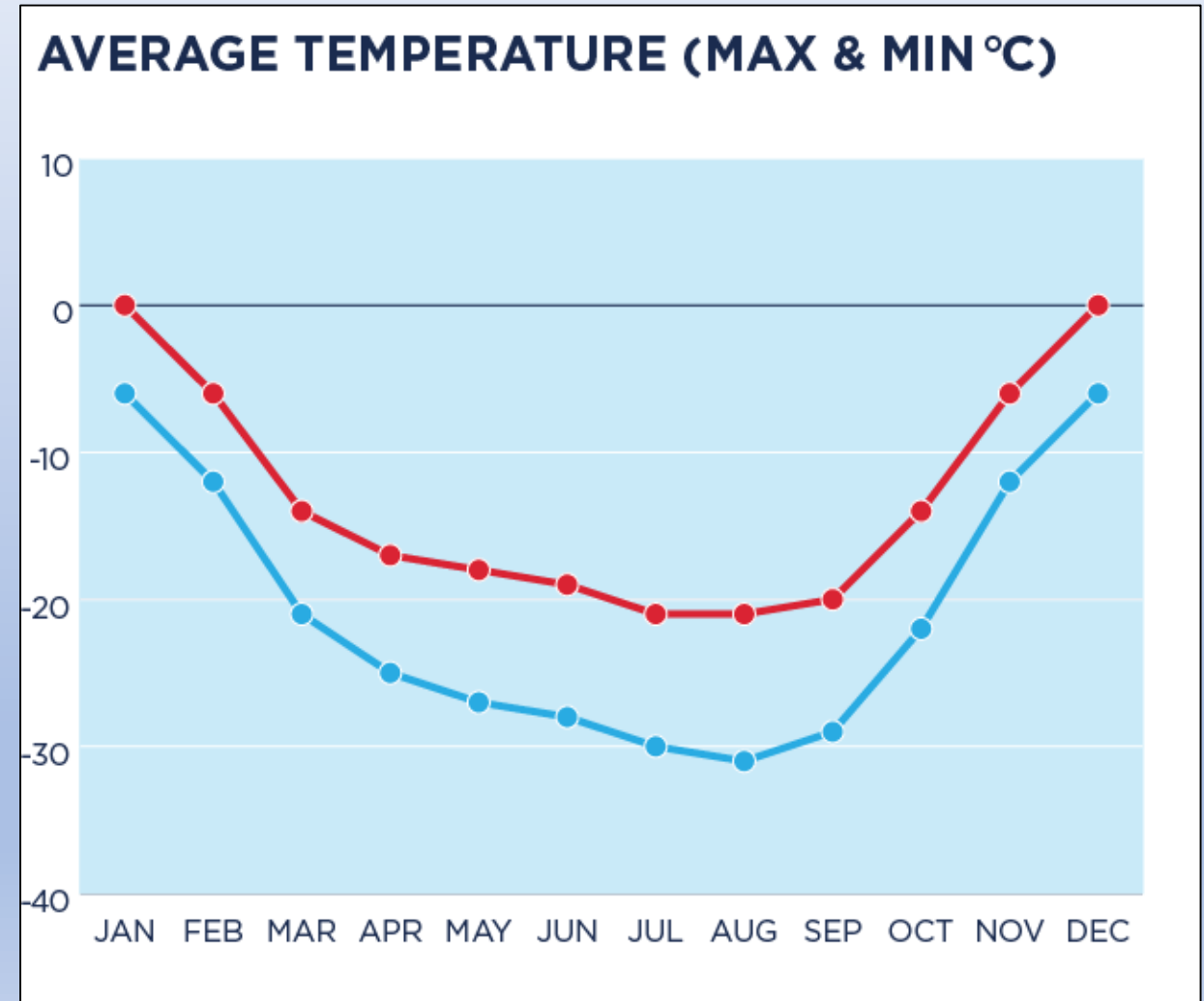Ice floats and when glaciers flow onto the sea they break into ice bergs in a process known as calving.

land underneath. Also winter and hape.

What conclusions can you read from the graph?

# Write up Challenge

- Now do write up on the physical landscape of Antarctica:
  - Include detailed information on six physical features of the landscape
  - Add descriptions from this climate graph. These need to be detailed with data from the graph.
  - Include prior learning on animals of Antarctica for bonus points.

- Your teacher may also show you a DVD to assist your research further.

**WHAT**       **WHEN**       **HOW MUCH**

THE TEMPERATURE      IN MARCH      IS MAXIMUM -13°c



**AVERAGE TEMPERATURE (MAX & MIN °C)**

# Additional Silent Study task:

Using the notes from last lesson, can you unjumble these keywords we have learned?
- NNUAKTA
- EIC THSEE
- GNIVALC
- SNUDE
- SCALGIER

Can you use at least one of the keywords in a sentence? Be ready to practice with the class in a few minutes time.

# Additional Silent Study task:



Russian Research Station in Vostok, Antarctica
The Russian station, Vostok, sits on the polar plateau. The coldest temperature ever recorded on Earth was -89.2 degrees Celsius, measured at Vostok in 1983.

**Use a Mini white board or your jotter to note down at least three pieces of information**

# Additional Silent Study task:

- Review your notes on Antarctica's landscape and animals – what can you remind the class about that we have learned.
    - Have a few ideas in case you idea gets said by another person.