

Saplings - Spring 1 - Antarctica



Antarctic Circle

A line of latitude that is in the Southern Hemisphere.



climate change

A change in weather patterns in an area of the Earth.



desert

A desert is a barren area of landscape where little precipitation occurs. This can be a hot or a cold area.



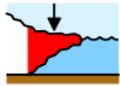
glacier

Thick mass of ice that covers a large area of land.



global warming

The rising of the average temperature on Earth.



ice shelf

A floating sheet of ice permanently attached to a land mass.



navigation

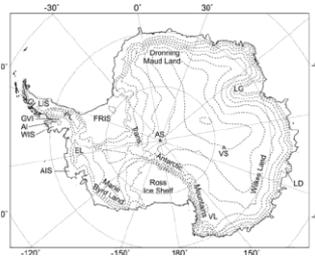
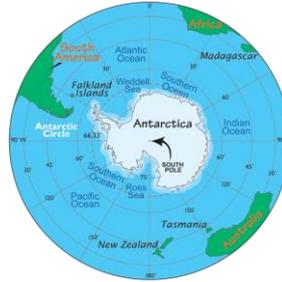
Accurately plotting a route or position.



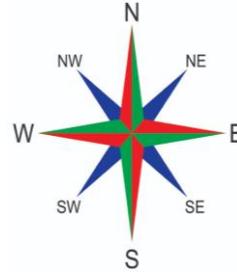
polar

An area near one of the Earth's poles. This could be North in the Arctic circle or South in the Antarctic circle.

Geography of Antarctica



This is a Geography topic. We will be working as Geographers.



Scientific bases have been set up in Antarctica so that scientists can conduct research.



Antarctica is the fifth largest continent.



Plants and animals have had to adapt in order to survive in Antarctica.

Climate change and global warming has had a big impact on Antarctica.

Antarctica only has two seasons, summer and winter.



Topic Must Knows

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Key Facts:

- Antarctica is a continent.
- Antarctica is in the Southern Hemisphere.
- The Antarctic Circle crosses through Antarctica.
- Antarctica is a desert because it has very little precipitation.
- Antarctica is the coldest continent on Earth.
- Antarctica is split into three parts, East Antarctica, West Antarctica and the Antarctic Peninsula.
- Compasses and grid references were used for navigation by explorers in Antarctica.
- The climate of the UK is very different to that of Antarctica. The UK has much more rain compared to Antarctica and has higher temperatures than Antarctica.
- Antarctica only has two seasons, winter and summer.
- People do not live in Antarctica permanently due to extreme weather conditions.
- There are no permanent settlements in Antarctica. The buildings that are there are used for scientific purposes.
- Climate change and global warming is having a big impact on Antarctica. In some areas the ice is melting, in other areas the temperatures are getting colder. This is having a big impact on the animals' habitats.