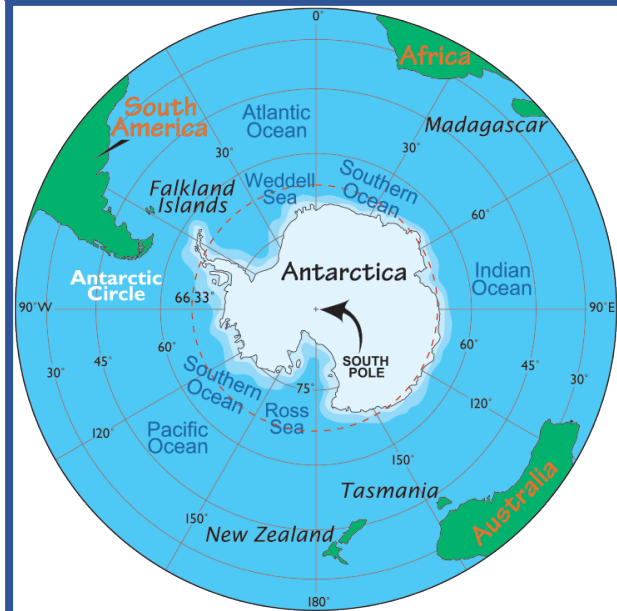


Antarctica Location:



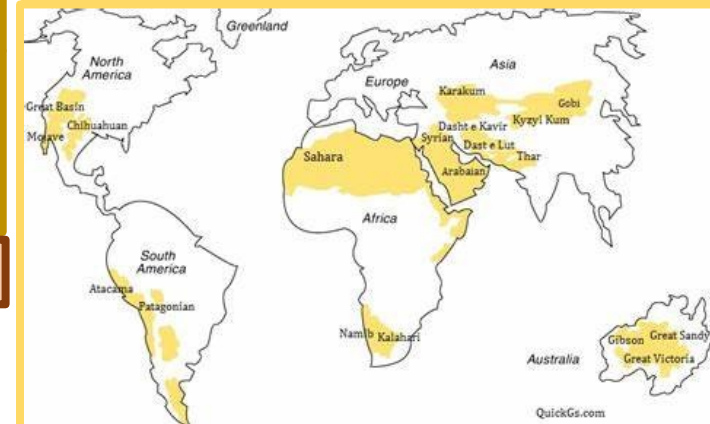
EXTREME ENVIRONMENTS

Deserts are very dry. They are found along the tropics of Capricorn and Cancer. Along the equator however we have a different ecosystem, here, we get **rainforests**. They get lots of **rain** which means that by the time the air reaches the tropics it is very **dry**. This is why **deserts** have very little rain. As there is a lack of **cloud** cover, temperatures can plummet below **freezing** of a night.

Key Words:

- **Weather** is the day to day changes in the atmosphere.
- **Climate** is the average weather conditions over a long period of time.
- **Adaptation** is the change in an animal or plant to allow it to better fit its location so its chances of survival are improved.
- The **desert** is a land of extremes; extreme temperature and extreme dryness.




Hot Desert Locations:



Saharan Animals:

<h3>Sand Viper</h3> <ul style="list-style-type: none"> • Scales camouflage into the sand. • Bury themselves into the sand to escape the heat. • Nocturnal. 	<h3>African Wild Dog</h3> <ul style="list-style-type: none"> • Large ears; help to cool down and to hear prey/predators. • Hunt at dusk/dawn when it's cooler. • Camouflage into the environment. 	<h3>Acacia Tree</h3> <ul style="list-style-type: none"> • Leaves drop with severe drought. The loss of leaves prevents evaporation. • Thorns to prevent grazing. 
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Antarctica Animals:

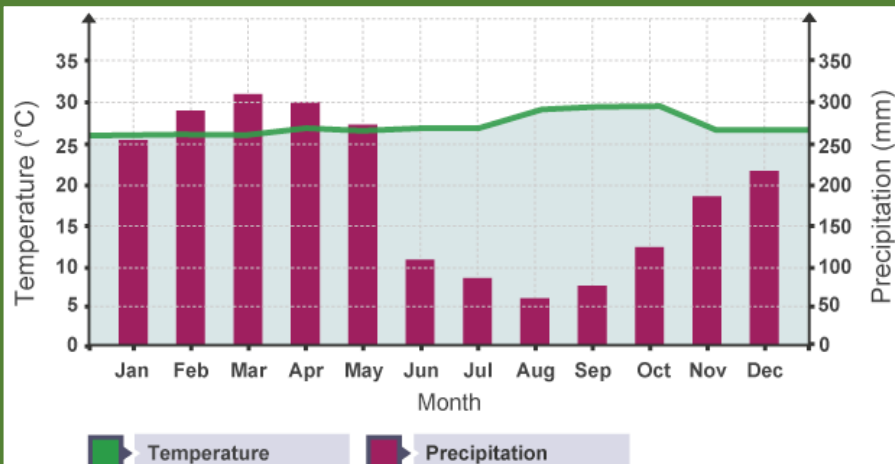
Which animal or animals have a layer of fat to insulate and protect them from the cold?	Whales, seals and birds
Which animal or animals have a compact body shape and thick skin to help keep in their body heat?	Penguins and seals 
Which animal or animals have waterproof feathers and downy feathers to keep them warm?	birds 
Which animal or animals have special chemicals in their blood that keep them from freezing?	fish
Which animal or animals leave Antarctica between June and August, its coldest months.	whales 

Antarctica is located in the **southern hemisphere**, it is at the **South Pole**. It is surrounded by the **Southern Ocean**. Over **98%** of Antarctica is covered with **ice**. It is the **coldest** and **driest** continent on Earth.

Antarctica Facts:

- It receives doesn't receive much rain
- No country has full ownership of it.
- Largest landmass surrounded by ocean.
- It covers 10% of the earth's surface.
- The coldest temperature ever recorded was -89°C .
- The windiest place in the world.
- A place with NO trees and NO permanent residents.
- 90% of all ice on the planet is located here.
- Antarctica has six months of daylight and six months of darkness.

Climate Graph:



The x-axis shows the months of the year and there are two y-axes to show average temperature and total rainfall (also known as precipitation). The temperature is shown as a line and the rainfall as bars.

- Highest precipitation – March
- Highest temperature – October
- Lowest precipitation – August