

Geography: Green Class – Equator

Why can't penguins live near the equator?

Key Vocabulary: Geography	
North Pole	The northern-most point in the Earth's surface.
South Pole	The southern-most point in the Earth's surface.
Penguins	A black and white, flightless, bird that lives in the Antarctic.
Desert	A desert is a very dry place that has very little rain therefore plants do not grow there. Water is very hard to find in the desert.
Hemisphere	It is half the Earth divided into north and south by the equator. Britain is in the northern hemisphere.
Camouflage	When an animal's markings help it to blend in with its environment.
Equator	The middle point around the Earth between the North and South poles.
Continent	A very large area of land mass.
Region	An area, part of a country or world having definable boundaries.
Arctic	A polar region in the northern-most part of the world.
Antarctic	A polar region in the southern-most part of the world.



Key Vocabulary: Science	
The seasons	Weather periods that can be divided into.
Summer	The warmest season when our part of the planet is closest to the sun.
Spring	The season in which things grow, new life begins.
Autumn	Where summer comes to an end. Environments and habitats change for winter.
Winter	The coldest season of the year.
Humid	When there is a lot of moisture in the air. Hot countries are often very humid.
Scorching	To burn slightly or to cause a change in colour because of heat.

Key Knowledge	
<p>Countries close to the Equator are hot and rainy throughout the year. Such an equatorial climate is also called "tropical climate" is perfect for growth of rainforests. No wonder most of world's rainforests are in the countries around equator!</p>	
<p>Of the 13 countries that lie on the equator, seven are in Africa (the most of any continent) and South America is home to three of the nations. The remaining countries are island nations in the Indian and Pacific oceans.</p>	
<p>The countries which the equator runs through are: São Tomé and Príncipe, Gabon, Republic of the Congo, The Democratic Republic of the Congo, Uganda, Kenya, Somalia, Maldives, Indonesia, Kiribati, Ecuador, Colombia, Brazil.</p>	

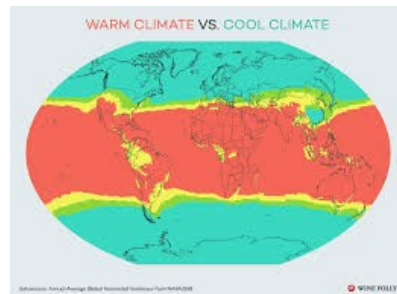
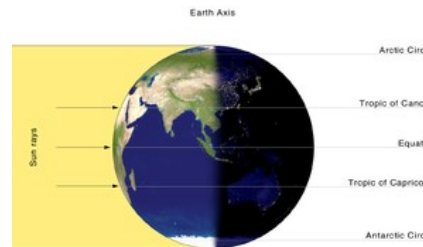


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Interesting Facts

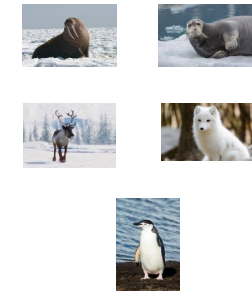
- Not all deserts are covered by sand, only 20% of all deserts are covered by sand.
- During the south pole winter (mid March to mid September) it is dark all the time. During summer it is light all the time.
- Even though we think they should be, not all deserts are hot. Two of the world's biggest deserts are in the north and south poles.
- Penguins are able to keep warm because they have blubber inside their skins.
- The largest hot desert in the world is in the Sahara and the coldest desert is in Antarctica.
- Hot deserts are usually very hot during the day but can get very cold at night. Some hot deserts can reach freezing point at night.



Key Knowledge

Animals that live in the polar regions

- Penguins
- Polar bears
- Arctic fox
- Seal
- Reindeer



Key Knowledge

Animals that live close to the equator

- Meerkats
- Lizards
- Scorpion
- Coyote
- Camel

