

Some questions to answer...

Are countries close to the Equator hotter or colder?

How many seasons do the Arctic and Antarctica have?

How many people live in Antarctica?

What can a country's climate help us to know?

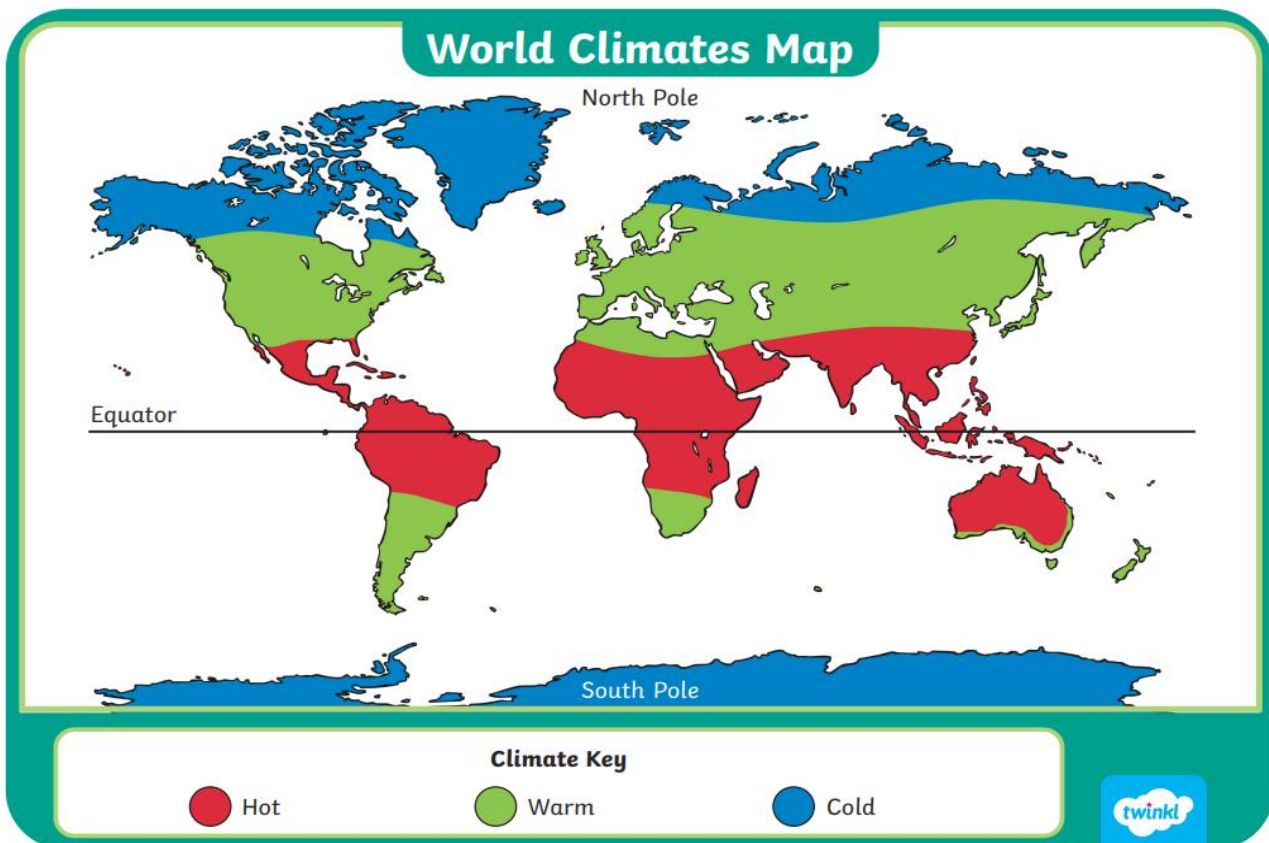
Name something you might see in a hot climate.

Name something you might see in a cold climate.

What is a monsoon?

Can you think of a country in the Northern Hemisphere?

Can you think of a country in the Southern Hemisphere?



A project to try

Pretend you live in a climate that is hot or cold, can you create a poster advertising your chosen place. Why would you like to live there? What is the weather like? What animals live there?

Draw a map of the world and label where different animals come from. How have they adapted to each climate?

Geography: Year 2 Hot and Cold Climates Fact File Summer 2 2026

What is a Climate?

When we look at the weather of a place for a **long period of time**, this is a **climate**. The climate tells us what the weather is likely to be like.

Parts of the world that have similar climates are called climate zones. Some different climate zones include rainforest, desert and the Arctic.

Countries can either have a **hot**, a **cold** climate or a **temperate** (mixed, warm) climate.



What is it like in a cold climate?

The Arctic and Antarctic are examples of cold places. They only have 2 seasons, Summer and Winter. Sometimes in the Winter, it is dark as the sun does not come up. You might see snow! The Arctic is made up of lots of countries, and people live there. Nobody lives in the Antarctic, and it is mostly used for scientists.

Key vocabulary

Climate	The long - term pattern of weather in a place.
Equatorial	A country that is near the equator, these countries are usually hot.
Northern Hemisphere	The North half of the earth, above the equator.
Southern Hemisphere	The South half of the earth, below the equator
Temperature	How hot or cold a place is.
Tropical climate	A hot and wet climate found in places near the equator (the Tropics)
Weather	The conditions of a place at a particular time - rain, temperature, cloud, sun



What is it like in a hot climate?

Hot places can be **dry** and covered in deserts or might be **tropical**. You might see sand or palm trees. These countries tend to be near the equator. They can sometimes go for a long time without rain. The hot countries usually have long hot summers and cool but dry winters. Some tropical hot countries have **monsoon seasons** when it rains for a long time.