

# What is the weather like in the polar regions?

- Today we are going to look at what the weather is like in the Arctic and Antarctic.
- Is it cold all year?
- Does it ever get warm?
- Do the polar regions have seasons like we do?
- Let's compare our weather with the polar regions.

# Weather in the UK

- We have four seasons in the UK, that provide us with different types of weather.
- The seasons are: Spring, Summer, Autumn, Winter.
- Let's have a quick look at each season and the different types of weather that we have...

# Spring



In Spring, the weather can be mixed. It usually turns warmer, but it can be windy and showery. In Spring, trees begin to grow leaves, plants start to flower and young animals such as chicks and lambs are born.

# Summer



Summer is the hottest season of the year. The temperature can stay warm, even after the sun has gone down at night. There are plenty of leaves on the trees and lots of plants are in flower.

# Autumn



Autumn can be mild and dry or wet and windy. It's the season when the leaves fall from the trees and the temperature begins to dip.

# Winter



Winter is one of the four seasons and the coldest time of the year. The days are shorter and the nights are longer. We have to wrap up warm!

# The Polar Regions

- The Arctic and Antarctic only have two seasons: summer and winter.
- Winter is very, very cold, much colder than our winter.
- Summer isn't hot like it is in the UK. Summer in the polar regions is still freezing although the snow and ice melts a little bit.

# Arctic winter



Greenland is in the Arctic. This is what Greenland looks like during the winter. It is freezing cold and covered in snow. Winter lasts for 9 months , that's most of the year. At the North Pole, the sun does not rise for many months. It is like one very, very long night.

# Arctic summer



This is Greenland during the summer. You can see the snow has melted but it is still very, very cold. You would still need to wrap up warm! It is very windy in the Arctic during the summer months. At the North Pole, the sun does not set at all on some summer days.

# Antarctic summer



Antarctic summers are short and cold with lots and lots of daylight. Antarctica's summer is from October to February. During this time, the sun is almost always in the sky and the sun doesn't set at all. Wow! Can you imagine the sun staying out all day and night!

# Antarctic winter



Winter in the Antarctic is very harsh! Antarctic winters are long and very cold with long, dark nights that can last for months. As well as the low, low temperatures, Antarctica is the windiest place on the planet. This makes it very challenging for the scientists who want to work there. Oh dear, his eyebrows have frozen!