



## Year 2 Autumn 2 - Why can't a Meerkat live in the North Pole?



### National Curriculum Objectives:

Pupils should be taught  
To identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.

### Knowledge:

- ❖ The weather in the UK is not always the same as the weather in other countries.
- ❖ The Kalahari desert in Africa is very hot and very dry.
- ❖ The North Pole is very cold and has snow and ice.
- ❖ Different animals live in different habitats around the world.
- ❖ The 4 seasons in the UK are Spring, Summer, Autumn and winter.
- ❖ The Equator is an imaginary line that runs around the middle of the Earth that is always closest to the sun.
- ❖ Weather patterns in the UK are linked to the seasons.
- ❖ There are different climates on Earth.
- ❖ The Polar climates have the coldest temperatures. And are below freezing.
- ❖ The temperate climates contain most of the Earth's land these have rainfall all year round.
- ❖ The tropical climates have the warmest temperatures and gets the most rain.

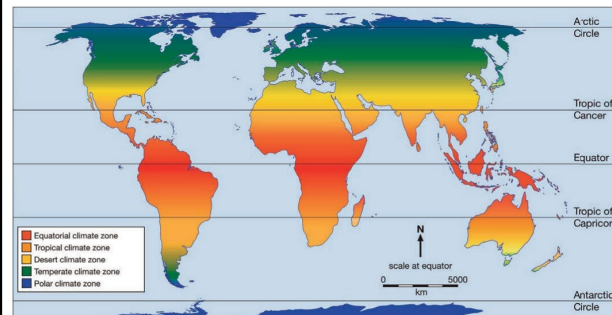


Figure 2: Areas of the world with similar climates can be mapped as climate zones.



### Geographical skills and enquiry:

- ❖ Children encouraged to ask simple geographical questions; Where is it? What's it like?
- ❖ Use books, stories, maps, pictures/photos and internet as sources of information.
- ❖ Investigate their surroundings
- ❖ Make appropriate observations about why things happen.
- ❖ Make simple comparisons between features of different places.

### Key vocabulary:

- ❖ Human feature- A geographical feature which is man made.
- ❖ Physical feature- A natural feature not man made..
- ❖ Seasonal- Can only be found or seen during a certain season.
- ❖ Location- A place or position.
- ❖ Equator- An imaginary line around the Earth.
- ❖ North and South Poles – the two furthest points at the top and bottom of the world.
- ❖ Temperature- Measures how hot or how cold something is.
- ❖ Weather- The daily state of the atmosphere, or air, in any given place.
- ❖ Climate zones – Areas of the world which have similar temperatures and rain patterns but may not be geographically close to one another
- ❖ Habitat- A place that an animal lives.



What is the equator?	Start of the unit	End of the unit
It is a place an animal lives.		
It is an imaginary line around the Earth that is always closest to the sun.		
It is the weather.		

We have 2 seasons in the UK.	Start of the unit	End of the unit
True		
False		

Which of the seasons in the UK is usually the warmest?	Start of the unit	End of the unit
Winter		
Summer		
Autumn		
Spring		

In the desert it is cold and it rains everyday.	Start of the unit	End of the unit
True		
False		

Can polar bears and meerkats live in the same climate?	
Start of the unit	End of the unit

A physical feature is something made by nature.	Start of the unit	End of the unit
Yes		
No		