

Class 2

Subject: Geography

Hot and Cold Places

Overview: In this unit children will be learning about the weathers experienced in some parts of the world and will build an understanding of how it differs from the weather seen in the UK.

Prior learning: Year 1 children explored the country of Mexico and learned about the weather there.

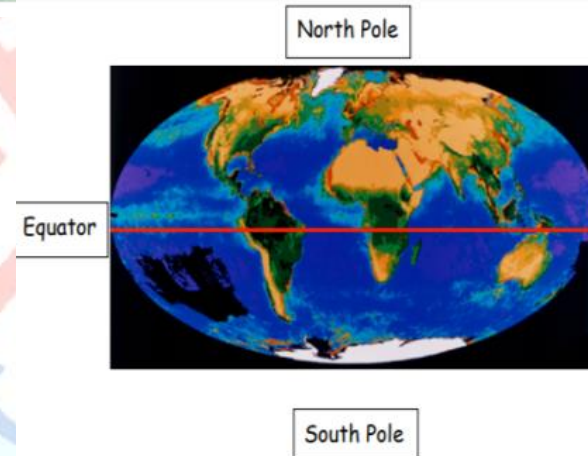
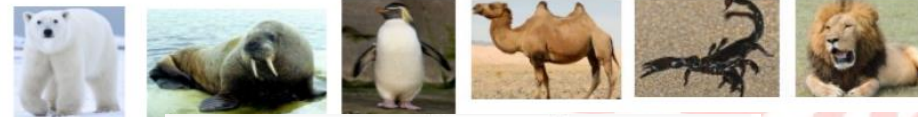
Future learning: In Key Stage 2, children will continue to develop their knowledge about the UK and other parts of the world.



The British Values I will be demonstrating and deepening my understanding of will be: tolerance, rule of law, individual liberty

By the end of this project, I will know this subject specific information.

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|-----------------------------|--|
| Continents of the world | The world is divided into seven continents: Europe; Asia; North America; South America; Africa; Australasia; and Antarctica. |
| Oceans of the world | There are five oceans in the world: Atlantic Ocean; Arctic Ocean; Indian Ocean; Pacific Ocean; and Southern Ocean. |
| Weather around the world | The weather around the world is not all the same. It changes depending on where you live in the world and the season. Different parts of the world experience different seasons at different times; |
| The Equator | The Equator is an imaginary line around the middle of the Earth. Countries near the Equator are very hot. Countries far away, for example the North Pole at the top and the South Pole at the bottom of the Earth are very cold. |
| Seasons in the UK | In the United Kingdom, we have four seasons. The weather is warmer in the summer and cold in the winter. Different things happen at different times of the year. |
| Life in hot and cold places | Life can be very different in hot and cold places. Hot and cold places can look very different and have different physical features. Different things will grow, animals and people will do different activities depending on the weather. |
| Climates around the world | Climates around the world can be cold or polar; warm; tropical or temperate. Cold or polar climates are experienced in places like Norway and Finland. Countries like Nigeria have warm climates and tropical climates are experienced in countries like India. In the UK we have a temperate climate which means it does not often get too cold or too hot. |
| Greater Depth | How many continents are connected to others? Five of the continents are connected to at least one other continent by land, whilst Antarctica and Australia are cut off by oceans. |



| Vocabulary | Tier 2 and Tier 3 | | |
|-------------------|--|--------------|--|
| Weather forecasts | A way in which we share what the weather might be like | country | a land with its own people and laws |
| North Pole | the point on the Earth's surface that is furthest north from the equator | weather | the day to day changes you might notice outside at a particular place and time |
| South Pole | the point on the Earth's surface that is furthest south from the equator | climate | the usual weather taken over 30 year for a particular place |
| ocean | a large body of water which covers a large area of the Earth | microclimate | The weather conditions of a very small area that differs from the surrounding climate. |
| equator | the imaginary line separating the northern and southern hemispheres | desert | very dry place that experiences little rain and therefore plants don't grow there |
| continent | a large area of land on Earth that is joined together | humid | When there is a lot of moisture in the air it is said to be humid. Hot countries are often very humid. |

Skills I will require and apply:

- using world maps, atlases and globes to identify and find the continents and oceans;
- using N, S, E and W to describe locations on a map

Useful websites:

- BBC Bitesize <https://www.bbc.co.uk/bitesize/topics/z849q6g/articles/z7dkhbk>
- BBC Bitesize <https://www.bbc.co.uk/bitesize/topics/zyhp34j>
- BBC <https://www.bbc.co.uk/bitesize/topics/zkxx4wx/articles/zcx3gk7>

Experiences that will help me remember:

Virtual Reality headsets session looking at climates

Texts/Books I will be using in this project:

Lila and the secret of rain (David Conway & Jude Daly); The snowflake mistake (Lou Treleaven & Maddie Frost); Tree: Seasons come, seasons go (Patricia Hegarty & Britta Teckentrup); The rhythm of the rain (Grahame Baker-Smith); Frozen (Disney)

Key knowledge:

To know that weather differs around the world dependent on the location of the country in relation to the Equator.

Key skills: To use maps; identify countries within continents; to use geographical vocabulary correctly.



Metacognition

What am I being asked to do? Which strategies will I use? Are there any strategies that I have used before that might be useful? How can I understand differences? What previous experience will help me?

