

# Knowledge Organiser: Hot and Cold Places

Year 1 Term 3.2 Geography



## Important Topic Vocabulary

**continent** – This is a massive area of land that contains lots of countries

**country** – This is an area of land within a continent.

**climate** – This refers to aspects of weather over a long period of time.

**temperate** – A climate that isn't extremely hot or extremely cold.

**region** – Parts of a country that are not its capital city.

**desert** – A large area of land where there is almost no water, rain, trees or plants.

**volcano** – A mountain from which hot, melted rock, gas, steam and ash sometimes burst from.

**glacier** – An extremely large mass of ice which moves very slowly.

**arid** – Land that is so dry very few plants can grow on it.

## What should I already know?

Iceland is a very cold country that is much colder than England.

Antarctica is a continent that has an icy desert and very little rainfall.

Antarctica is the coldest and windiest continent on Earth.

## Useful Websites

<https://www.kids-world-travel-guide.com/egypt-facts.html>

<https://kids.nationalgeographic.com/geography/countries/article/iceland>

<https://www.kids-world-travel-guide.com/iceland-facts.html>

## Egypt



- Egypt is a large country in Northern Africa and its capital city is Cairo.
- In Egypt, the climate it is hot and dry.
- In this country, there is lots of arid desert land in the east and west but not many people live in the desert.
- Many of Egypt's population live along the banks of the River Nile.
- The River Nile is the longest River in the world and runs through the centre of Egypt.
- Many people in Egypt are farmers and they grow sugar, rice, wheat, fruit and vegetables. They also produce lots of cotton.
- In Egypt, people can visit The Pyramids of Giza and the Valley of the Kings.

## Brilliant Books



By Emily Gravett



By Oliver Jeffers



The Great Pyramids and Sphinx of Giza



The Valley of the Kings

# Iceland



- Iceland is a country that is located in the Arctic region of Northern Europe.
- The capital city of Iceland is Reykjavik and over half of the population live there.
- Iceland has a cool, temperate climate and there can often be significant snowfall, frost and ice.
- The temperatures in Iceland are much lower than those we experience in England.
- Iceland is known as the 'land of darkness and light'. In the summer month of June, people in Iceland experience up to 20 hours of daylight but in the winter month of December there is only 5 hours of daylight.
- Iceland is also known as the 'land of fire and ice' because a lot of its land is covered in ice, volcanoes and glaciers.
- Iceland has some of the most active volcanoes in the world. This means that these volcanoes often erupt with melted rock, steam, gas and ash flowing into the environment.
- This country has the largest glaciers in Europe and is an Arctic desert.
- Many people visit Iceland to see the Northern Lights (Aurora Borealis).



A volcano erupting in Iceland.



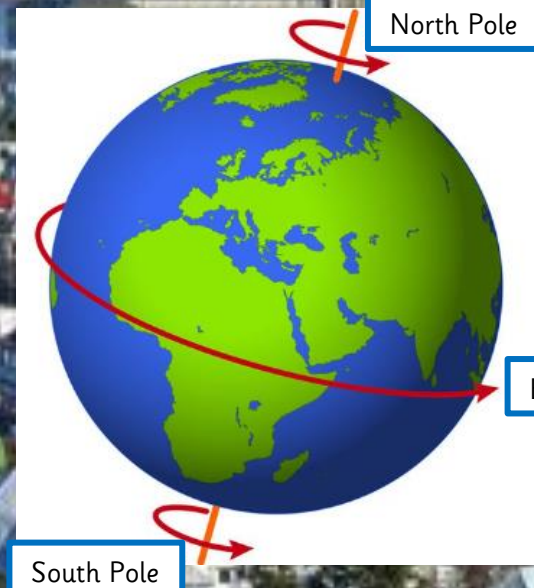
The Northern Lights – Aurora Borealis



A glacier in Iceland.

## Why are some places hot and some places cold?

- The Equator is an imaginary line that runs around the middle of the Earth and is always closest to the sun.
- The North Pole is the top most northerly point on the globe.
- The South Pole is the bottom most southerly point on the globe.
- Countries close to the Equator line have either a hot and dry climate or a hot and wet climate.
- Places that are furthest away from the Equator have a cold and dry climate.



Did you know that the largest hot desert in the world is the Sahara?

Did you know that the largest cold desert in the world is the Antarctica?

