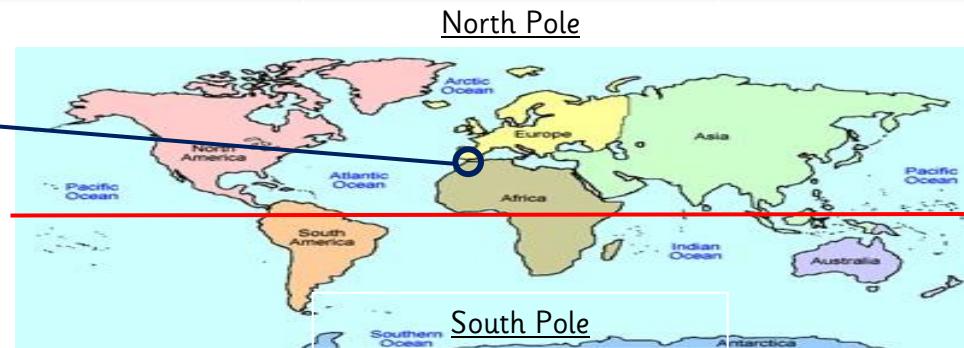


# Year 2 - Why are some parts of Earth cold and some hot?

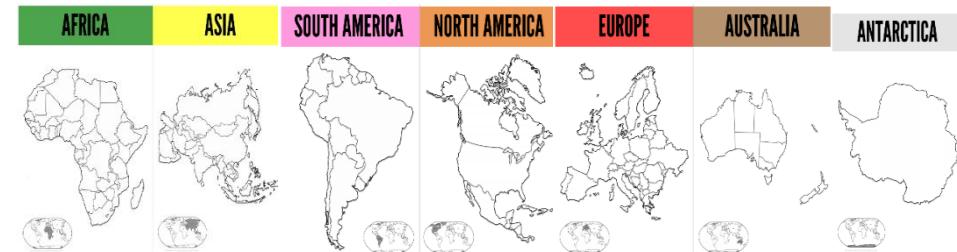


This is the **United Kingdom** (UK), where we live. The UK is part of **Europe**.



The **equator** is an imaginary line around the middle of the Earth. At the equator, it is very hot. The poles are far away from the equator and both very cold.

Key Vocabulary	
country	An individual country located in a continent. e.g. France is in Europe.
climate	The weather that happens regularly in an area or region.
Arctic Circle	An ocean, covered by a thin layer of ice, surrounded by land
continent	A massive area of land separated by water, mountains, etc.
equator	An imaginary line around Earth at an equal distance from the north and south poles.
North Pole	The North Pole is at the northernmost point of the Earth. It is in the Arctic Ocean, which is covered by floating ice.
South Pole	The South Pole is at the southernmost point on the Earth. The South Pole is located in Antarctica – land covered in ice.
ocean	The mass of salt water that covers most of the earth's surface.
Antarctic	A large mass of land at the south pole covered in ice.
Northern hemisphere	The half of the Earth found between the equator and North Pole.
Southern hemisphere	The half of the Earth found between the equator and South Pole.
island	Land surrounded by water.



**Did you know?** An atlas' and globes are different. An atlas is a collection of maps. A globe is 3D model of the Earth.

Key facts about our topic
• There are 7 continents on Earth: Africa, Asia, North America, South America, Europe, Australia and Antarctica.
• There are 5 oceans: Atlantic, Pacific, Indian, Arctic and Southern Ocean.
• Asia is Earth's largest continent and also has the largest population.
• Antarctica is at the South Pole and it is a continent covered in thick ice and snow.
• The Arctic is at the North Pole and it is an ocean surrounded by land.
• Each continent has different climates and weather conditions.