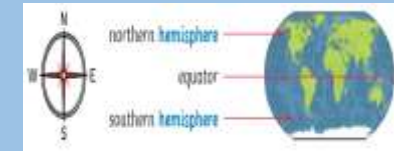




Knowledge Organiser

Year 4 Autumn Term 2

Climate Zones



Key vocabulary

Co-ordinates, Northern hemisphere, Southern hemispheres, Equator, Polar regions, Artic circle, Antarctic circle, Climate, The tropics, Tropic of Cancer, Tropic of Capricorn, temperature, seasons

Geography Knowledge:

- To be able to identify different climate regions of the world
- To be able to identify desert regions in the world.
- Locate the Equator on a map and globe.
- Locate the Northern and Southern Hemisphere on a map and globe.
- Find the North and South Poles on a globe or map
- Identify lines of latitude and longitude on a map.
- Identify the Arctic and Antarctic Circle
- Identify the location of the Tropics of Cancer and Capricorn.
- Identify differences between the UK and the tropics.
- To accurately measure and collect information
- Compare daylight hours in the UK and polar regions
- Compare desert climates to that of the UK

Science Knowledge:

- recognise that environments can change and that this can sometimes pose dangers to habitats

Art Knowledge

- To be able to colour mix to create all the colours they need.
- To be able to create mood in their paintings.
- To successfully use shading to create mood and feeling.




Tropical Dry Forest



Tropical Rainforest



	Glossary
Vocabulary	Meaning
Co-ordinates	A set of numbers and/or letters that show you a specific position on a map.
Hemisphere	A half of the earth, usually divided by the equator into the northern and southern hemisphere.
Equator	An imaginary circle around the earth everywhere equally distant from the north pole and the south pole.
Latitude and Longitude	These lines are used to give the specific location of anywhere in the world using co-ordinates
Polar regions	The areas around the North or South Pole.
Tropic of Cancer or the Tropic of Capricorn	These mark the most northerly and southerly positions that the sun can be overhead. Between the tropics the weather is hot all year round.
Climate	The average weather conditions in a place over 30 years or more.
Temperature	The amount of heat in something (usually measured with a thermometer)
Seasons	The cycle of weather changes is divided into four parts, known as the seasons.(Winter, Spring, Summer, Autumn)
Arctic	The Arctic is the region around the North Pole
Antarctica	The Antarctica is the region around the South Pole