

Sithney C.P. School Knowledge Organisers

Geography: Why are jungles so wet and deserts so dry?



Glossary

Temperate – mild temperature (not too cold or hot)

North Pole – the point on the earth's surface that is furthest north.

Equator - an imaginary line drawn around the middle of the earth an equal distance from the North Pole and the South Pole.

Prevailing – moving in a particular direction.

Key - a list of the symbols used in a map.

Humid – wet and warm air.

Drought – absence of water.

Tributary – river or stream that flows into a larger river/lake.

Source – starting point of a river.

Mouth – where a river meets the sea.

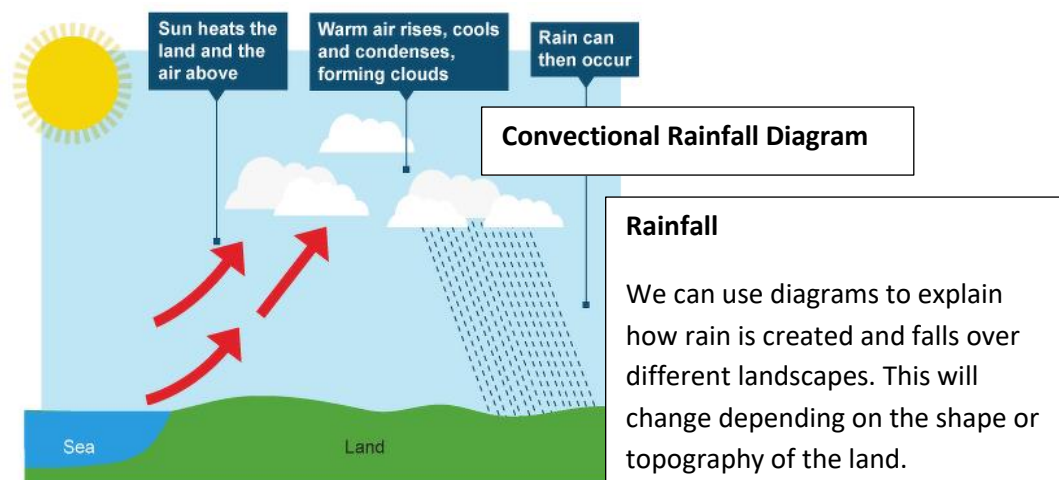
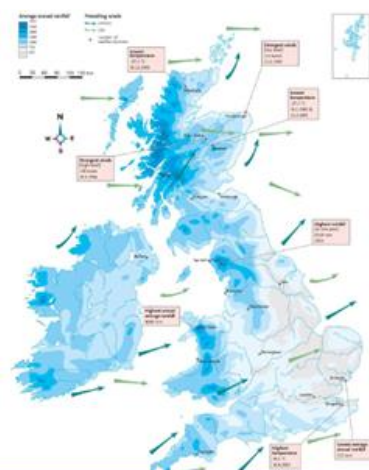
Convection – the flow of heat.

Condensation – cooling of hot air.

Cumulonimbus – heavy rain cloud.

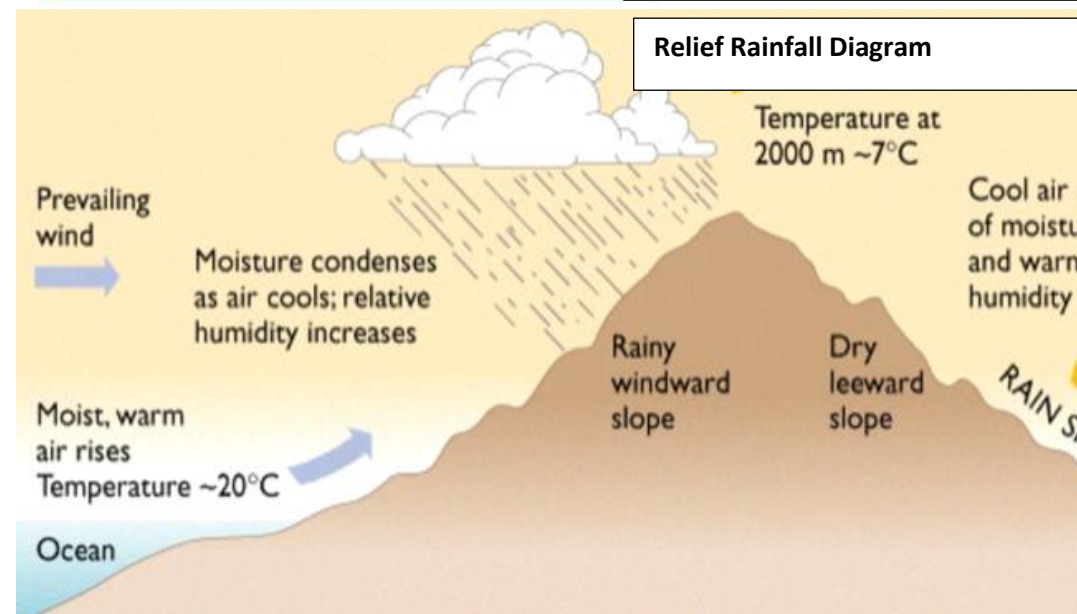
What you should already know:

- I can name and locate the four countries of the United Kingdom (UK).
- I can name and locate the seven continents of the world.
- I can locate hot and cold areas of the world in relation to the equator and the North/South poles.
- I can compare geographical similarities and differences through studying the human



Rainfall

We can use diagrams to explain how rain is created and falls over different landscapes. This will change depending on the shape or topography of the land.

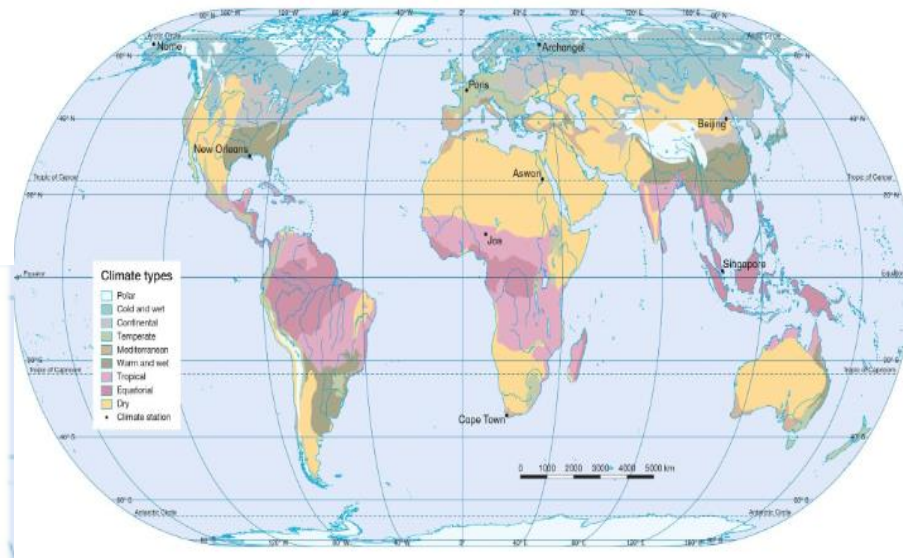
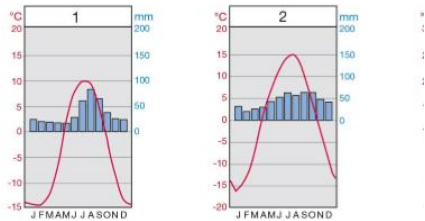


Arrows on maps can be used to show the prevailing wind or current to help follow weather patterns.

Climate graphs

The red line shows average monthly temperature.
The blue bars show average monthly rainfall.

Climate graphs can be used to plot
average temperature and rainfall.
Bars show rainfall and a line
indicates temperature.



Climates

There are 9 different climate types in the world which will
determine what lives and grows in these areas.

A coloured key can also be used to show areas which
share the same temperature or type of climate.

Important Facts

UK Weather

The United Kingdom (UK) is in the temperate zone which sits between the Equator and the North Pole and Arctic. The UK is situated in the middle of the temperate zone.

When you travel further North towards the Arctic it becomes colder whilst the further South you travel (towards the Equator) the warmer it gets.

The prevailing (direction from which they most often blow) winds that travel across the UK come in a south-westerly direction in both winter and summer. The rain is much heavier in the west and north and decreases the further east you travel. The prevailing winds absorb a lot of moisture as it travels over the Atlantic Ocean which then falls as rain when they reach the UK – most falls on the land they meet first (the west) and consequently less rain falls to the east.

World Weather

The wettest places on Earth are all found around the Equator and between the Equator and the Tropics of Capricorn and Cancer. The distribution of very dry areas on Earth is much more evenly spread than the location of the wettest areas – there are very dry areas in every continent except Europe.

Biomes

large communities of plants and animals covering distinct areas of the world are called *biomes*.

South America

This continent includes many different biomes which are split into Forest, grassland, Desert and Tundra:

