

Wednesday 27th January

LO: To locate countries which are hotter and colder using the Equator.

- The Equator is an imaginary circle around the centre of the Earth and divides the Earth into the Northern and the Southern areas (or hemispheres/half a sphere).
- So the Equator is equally distanced from the North Pole and the South Pole.
- The earth is widest at its Equator.
- The distance around the Earth at the Equator is 24,901 miles!
- Look at the first map showing the countries that lie on the Equator
- These countries are closest to the Earth's centre and so they are very hot and have exactly 12 hours of daylight and 12 hours of night time throughout the whole year. **The further you travel AWAY from the Equator, to the North or the South, the colder it gets.**

Now look at the second map that shows the countries of the world.

Your Task

1. Using the first map as a guide, can you have a go at drawing the equator on the second map looking at the countries that lie on the equator. (Using a ruler may help here!) Use Brazil to help you (circled on both maps).
2. Now can you list some of the countries closest to the equator which will be the hottest countries and countries which are the furthest away from the equator and so will be the coldest countries to live in.

Hot Countries

Cold Countries

All the Countries That Lie Along the Equator



