

# Y4: What will my journey look like across the globe?



| Key Vocabulary      |   |
|---------------------|---|
| Coordinates         | 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 |
| Population          | All the inhabitants of a particular place   |
| Mainland            | A large piece of land that included the greater part of a country.                            |
| Tropical rainforest | Moist biome where it rains all year long.   |
| Tropical monsoon    | Affected by monsoon winds which blow in from the sea in summer and bring the seasonal rain.   |
| Tropical savannah   | Have alternate wet and dry seasons.   |
| Time zone           | A region where the same standard time is kept.  |



What will my journey look like across the globe?

Geographical scale:  
World

**Place:** How are countries different in the Northern and Southern hemispheres?

**Place:** Why are the lines of Latitude and Longitude significant?

**Scale:** What is the Prime Meridian?

**Environment:** How do the polar regions compare to the UK?

**Environment:** How does the climate of the Tropics compare to the climate of the UK?

**Place:** What time zones would you cross on a particular journey?

**Place:** What will my journey look like across the globe?

### Polar Regions

|   |   |
|---|---|
| North Pole  | South Pole  |
| Arctic Circle   | Antarctic Circle  |
| Includes parts of Russia, Norway, Sweden, Finland, Canada, Alaska, Greenland and Iceland. | Has no countries and has no one living there permanently. It is a protected place of scientific and environmental research. |

### The Tropics

- The Tropic of Cancer (northern tropic) and the Tropic of Capricorn (southern tropic) mark the most northerly and southerly positions that the sun can be overhead.
- Between the tropics the weather is hot all year round.
- Rainfall can vary here. In some places, there is very little rain, some areas have a rainy season and some places have lots of rain all year round.

northern hemisphere

equator

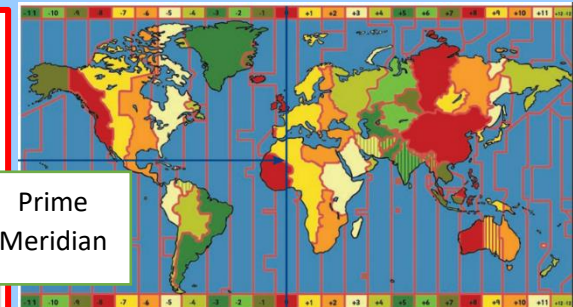
southern hemisphere

### Longitude and Latitude

Latitude lines run around the earth east to west. These lines are the same distance apart from each other.

Longitude lines run over the top of the earth north to south. These lines are not equally distant from each other.

These lines are used to give the specific location of anywhere in the world using **co-ordinates**.



- There are 24 different time zones (one for each hour of the day).
- The Prime Meridian line divides the earth into the western and eastern hemisphere. It passes through England (GMT!)