



# Saint Elizabeth's Knowledge Mat



Techniques

**Year:** 4

**Subject:** Geography

**Topic:** Maps of the World



## 1. What I know already:

Know the name of and locate the four capital cities of England, Wales, Scotland and Northern Ireland. (Y1)

Know where North, South, East and West are and that a compass rose shows this on a map. (Y2)

Know that near to the equator are two imaginary lines called the Tropic of Cancer and the Tropic of Capricorn, and that places between the Tropics of Cancer and Capricorn are known as tropical. They have a hot climate all year round. (Y3)

Know that running from North to South is another imaginary line called the Prime Meridian. This splits the Earth into two more hemispheres: the western hemisphere and the eastern hemisphere. (Y3)

## 2. What I am going to learn – My Sticky Knowledge

**Latitude** and **longitude** are a system of lines used to describe the **location** of any place on Earth.

**Lines of latitude** run in an east–west direction across Earth, whilst **lines of longitude** run in a north–south direction.

All **time zones** in the world are measured from the **Greenwich Meridian** Line.

The **International Date Line** is on the opposite side of the world from the **Prime Meridian line**.

The **Tropic of Cancer** and the **Tropic of Capricorn** mark the most **northerly** and **southerly** positions that the sun can be overhead.

Between the **tropics** the weather is hot all year round.



## Longitude and Latitude

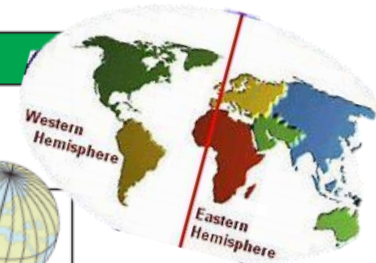
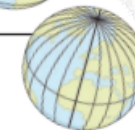
Latitude lines run around the earth east to west.

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**.



## 3. Key vocabulary

<b>Equator:</b>	An imaginary line drawn across the exact middle of the globe.
<b>Tropic of Cancer:</b>	23.5 degrees north of the Equator.
<b>Tropic of Capricorn:</b>	23.5 degrees south of the Equator.
<b>Tropical:</b>	Hot climate all year round.
<b>Prime Meridian:</b>	Imaginary line running from north or south of the globe.
<b>Hemispheres</b>	: (Northern/Southern and Eastern/Western): Halves
<b>Longitude:</b>	Imaginary lines measuring how far North or South a location is.
<b>Latitude:</b>	Imaginary lines measuring how far East or West a location is.