**Day Three - Geography – Longitude and Latitude**

Using your knowledge of longitude and latitude and the information, answer the questions in the longitude and latitude quiz. Now write an explanation of what longitude and latitude is and how it is used in geography.

What is latitude and longitude?

To help locate where a place is in the world, people use imaginary lines:

* To find out how far **north** or **south** a place is, lines of **latitude** are used. These lines run parallel to the Equator.
* To find out how far **east** or **west** a place is, lines of **longitude** are used. These lines run from the top of the Earth to the bottom.

Hemispheres

The Equator is at the centre of the lines of latitude and is at 0° latitude. Anything lying south of the Equator is in the Southern Hemisphere and is labelled °S. Anything lying north of the Equator is in the Northern Hemisphere and is labelled °N. The North Pole is 90° N and the South Pole is 90° S.

The line labelled 0° longitude is called the Prime Meridian or the Greenwich Meridian and runs through London. Anything lying east of the Greenwich Meridian is in the Eastern Hemisphere and is labelled °E. Anything lying west of the Greenwich Meridian is in the Western Hemisphere and is labelled °W.

1. What are the imaginary lines that go around the Earth horizontally?

* Lines of longitude
* Lines of latitude
* Contour lines

1. What do we call the line at 0° latitude that splits the Earth into two halves?

* The middle
* Mid-Atlantic Ridge
* The Equator

1. What do we call the two halves of Earth that lie above and below the equator?

* Hemispheres
* Latitude
* Pairs

1. Which line of longitude runs through London?

* The North Pole
* The Greenwich Meridian
* The Equator

1. Which line does the Greenwich Meridian run along?

* 0° longitude
* 0° latitude
* 180° longitude