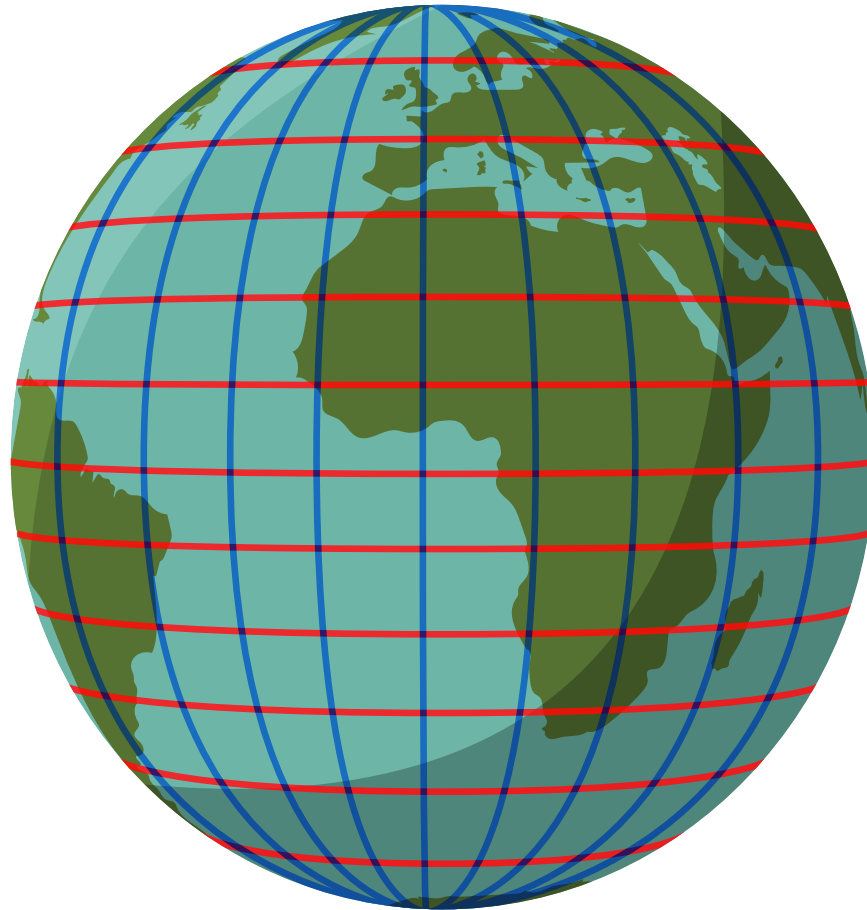


Latitude and longitude



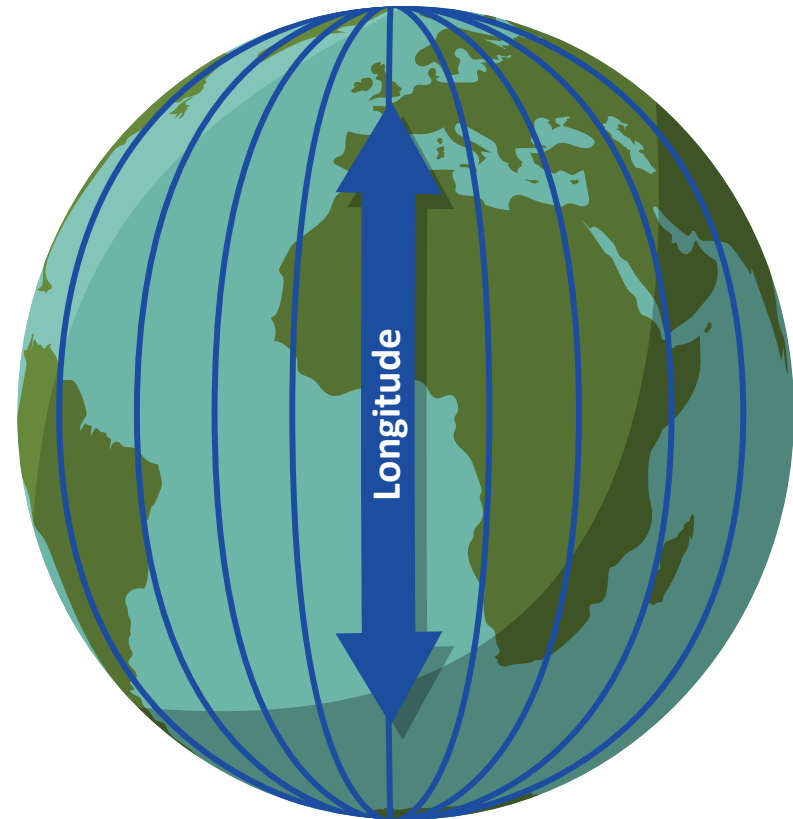
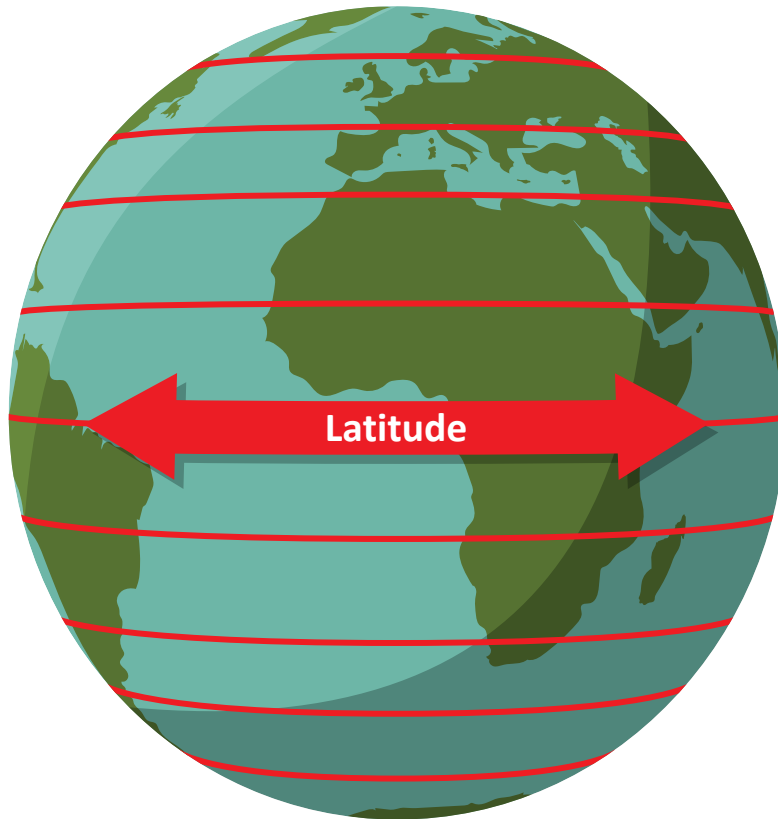
What are the lines of latitude and longitude?



The **lines of latitude and longitude** are imaginary lines around Earth. They cross each other, forming a grid.



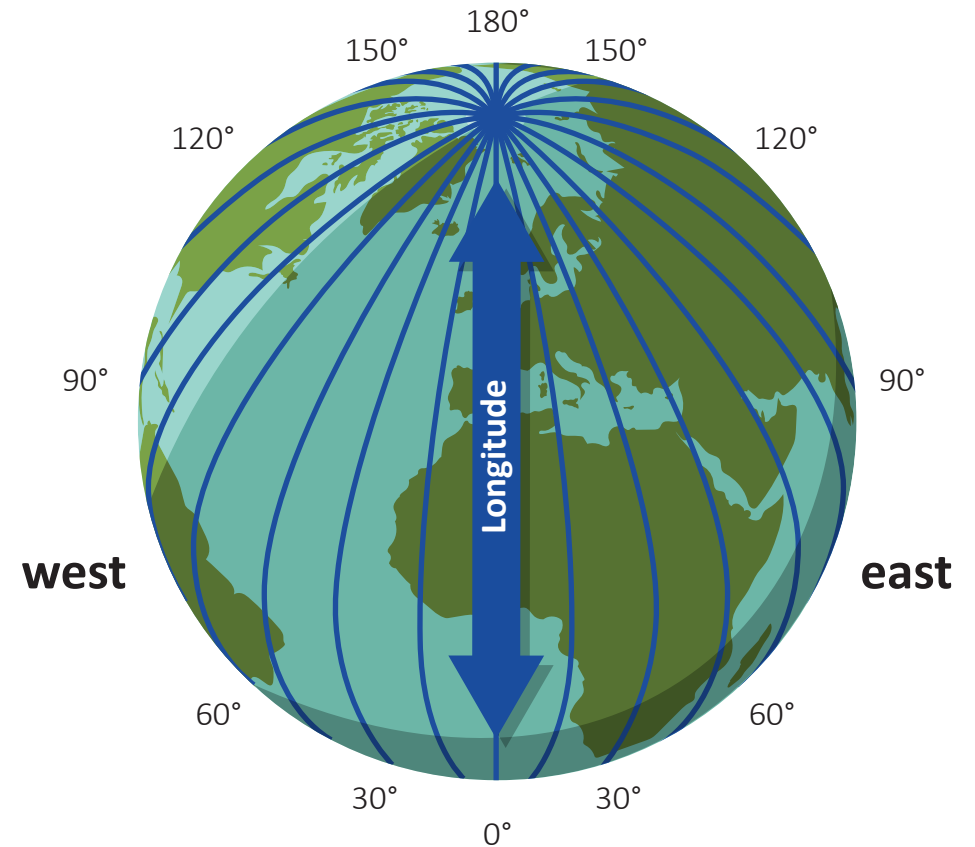
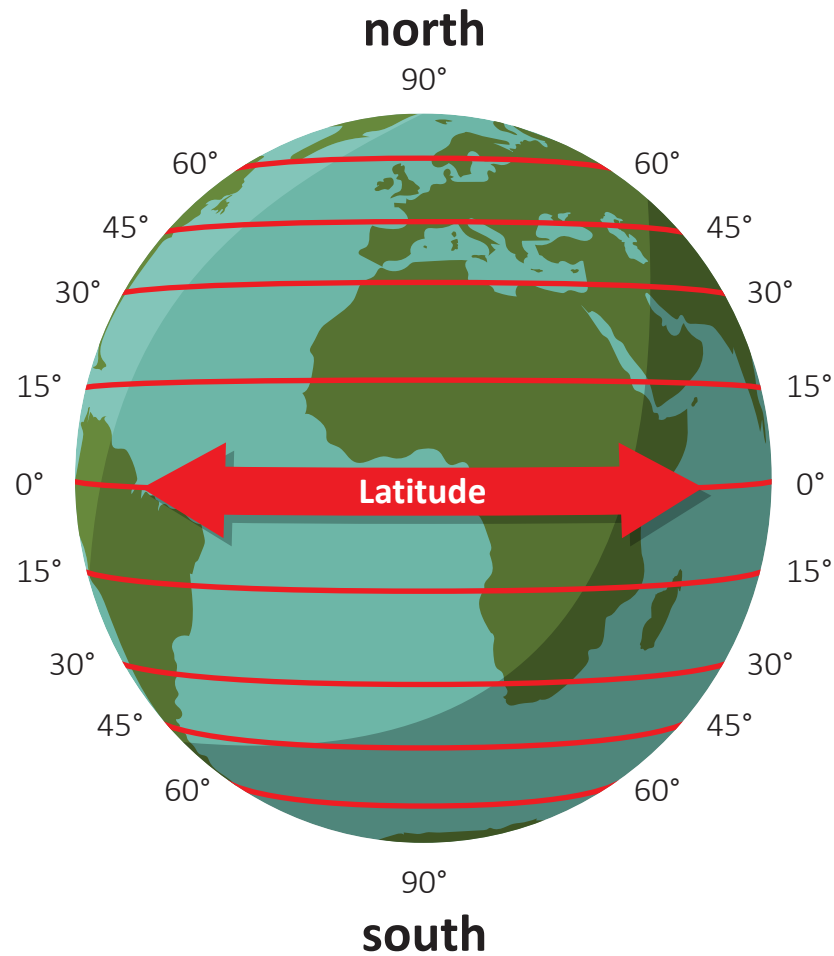
Lines of latitude and longitude



The lines of latitude run **horizontally** from east to west around Earth.
The lines of longitude run **vertically** from north to south around Earth.



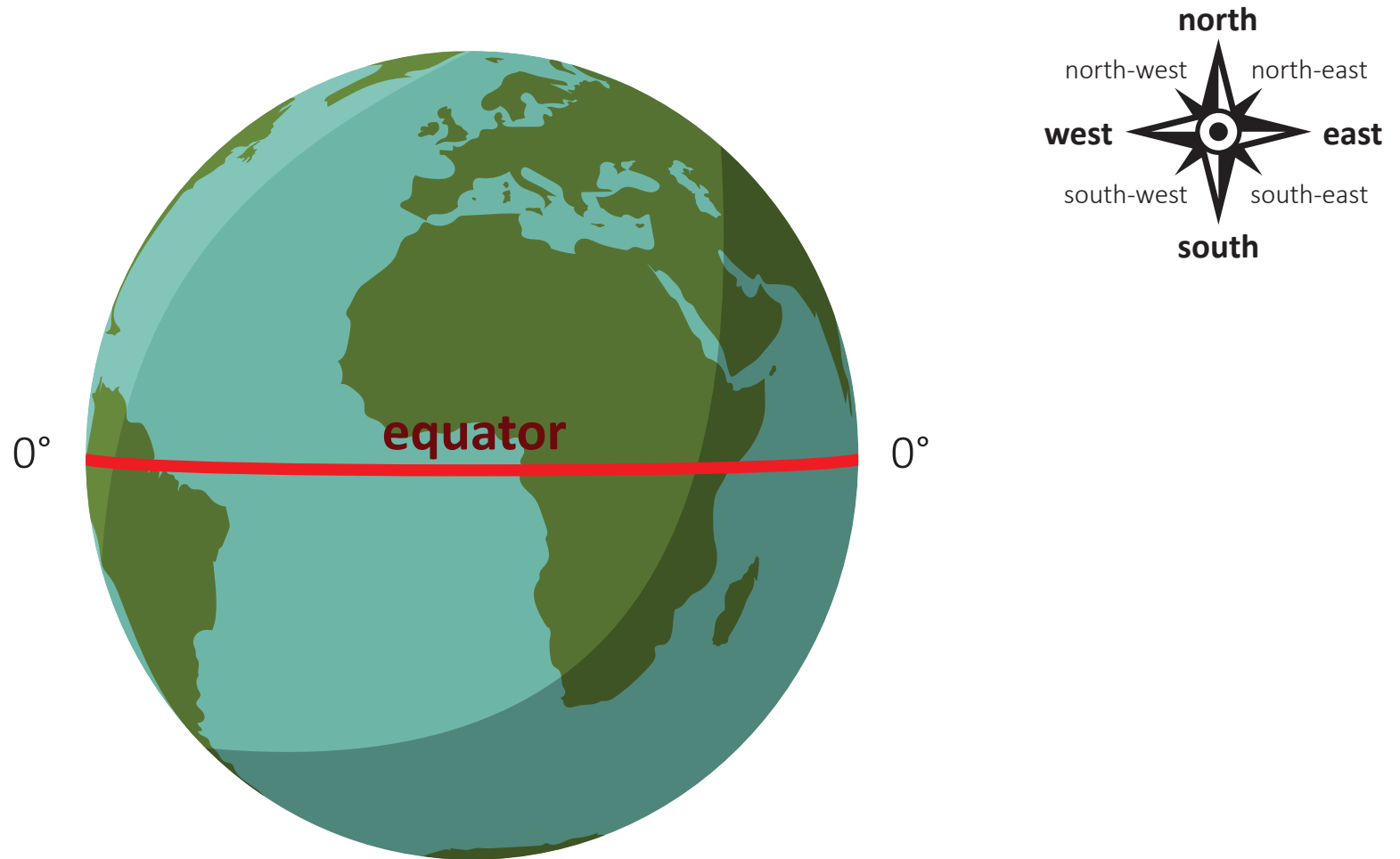
What are their uses?



Lines of latitude and longitude are measured in **degrees**.
They help us to pinpoint exact locations on Earth.



Equator

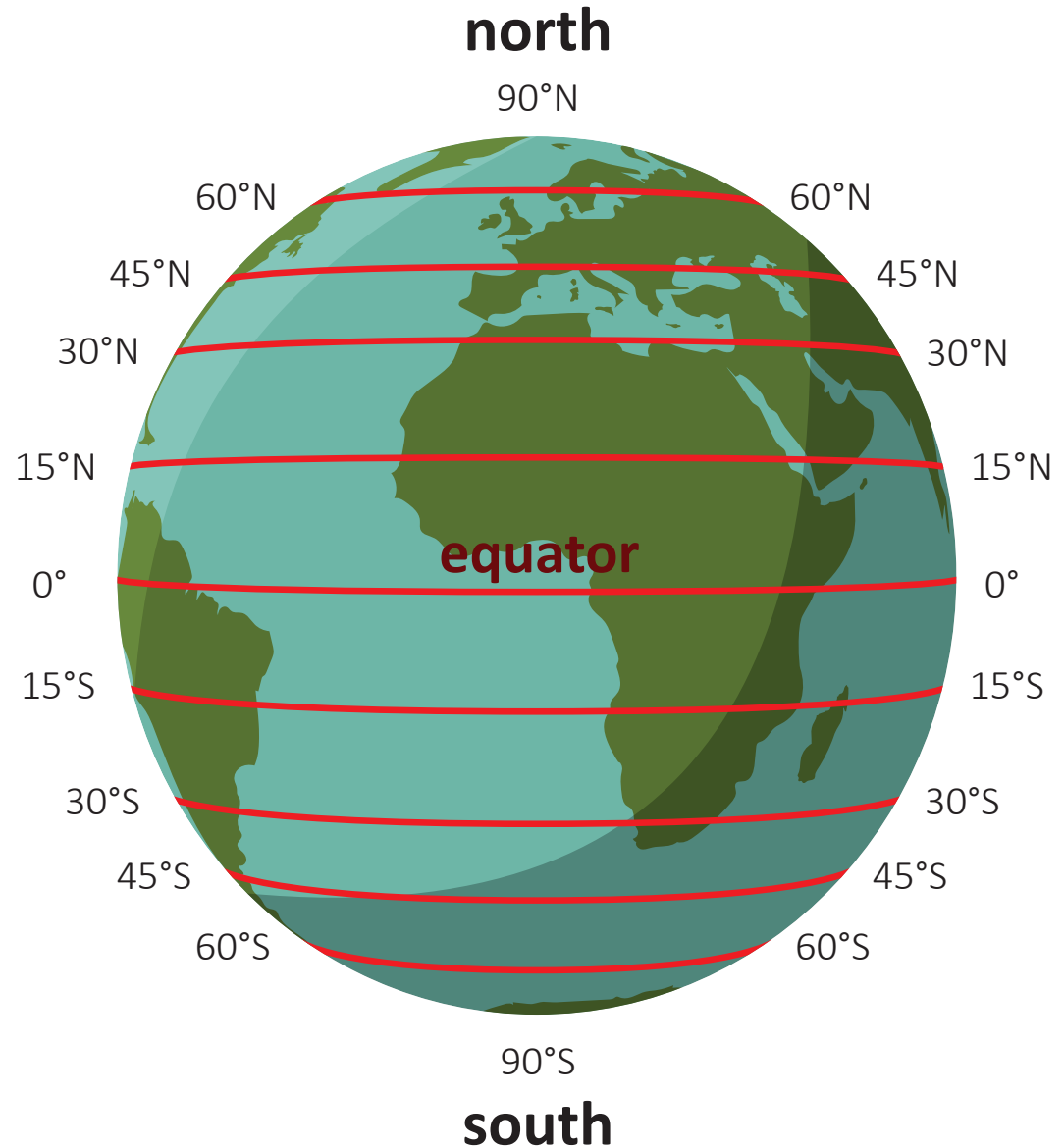


The **equator** is a special line of latitude. Its latitude is **0°**.
The equator is halfway between the geographical North and South Poles.

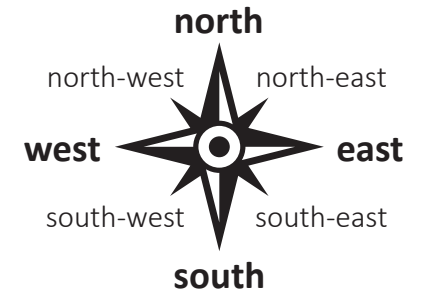
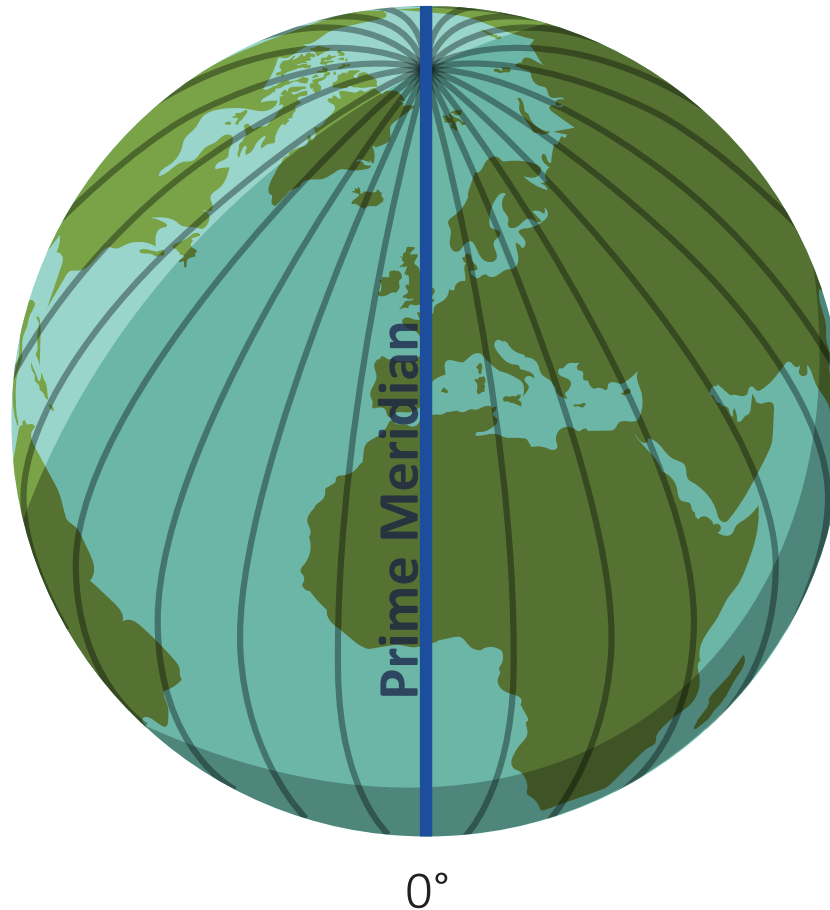


Lines of latitude

- equal distance apart
- measure how far **north** or **south** a point is from the equator
- labelled **N** to the north of the equator
- labelled **S** to the south of the equator



Prime Meridian



The **Prime Meridian** is a special line of longitude. Its longitude is **0°**. The Prime Meridian passes through the geographical North and South Poles.



Lines of longitude

- not equal distance apart
- measure how far **east** or **west** a point is from the Prime Meridian
- labelled **E** to the east of the Prime Meridian
- labelled **W** to the west of the Prime Meridian

