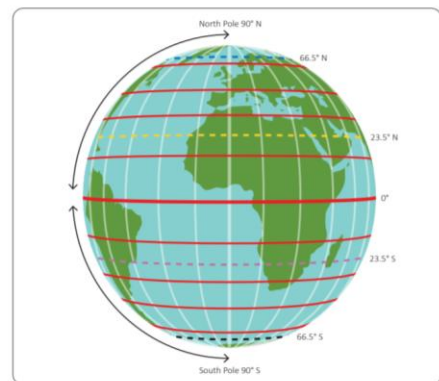


Features of Earth



Key	
—	equator
—	lines of latitude
—	lines of longitude
—	Prime Meridian
—	Tropic of Cancer
—	Tropic of Capricorn
—	Arctic Circle
—	Antarctic Circle

The **equator** is the line of latitude around the middle of Earth. It is equidistant from the North Pole and the South Pole.

The **Southern Hemisphere** is the half of Earth south of the equator and the **Northern Hemisphere** is the half of Earth north of the equator.

The **Prime Meridian**, or Greenwich Meridian, is a line of longitude that runs through Greenwich, London. All lines of longitude are measured from the Prime Meridian.

The **Tropic of Cancer** is 23.5°N and the **Tropic of Capricorn** is 23.5°S of the equator. The area in between these lines of latitude is called the tropics.

The **Arctic Circle** is a line of latitude that is 66.5°N of the equator. The land inside the Arctic Circle is some of the coldest and least populated in the world.

The **Antarctic Circle** is a line of latitude that is 66.5°S of the equator. There is no permanent human population within the Antarctic Circle.

Glossary

export	To send goods to another country for selling.
import	To buy goods and bring them into one country from another.
global warming	The increase in world temperatures caused by gases, such as carbon dioxide, being released into the atmosphere.
topography	The physical appearance of an area of land, especially relating to its shape and surface.

Climate Change

The climate is the usual weather conditions that occur in a place over a long time. The main cause of climate change is global warming. The temperature on Earth has increased by about 1°C since 1880.

Extreme Weather

Climate change is causing extreme weather events worldwide, including severe storms, cyclones, floods, sandstorms, heatwaves and droughts. Millions of people are affected by these extreme weather events every year.

Latitude and Longitude

Lines of latitude and longitude are imaginary lines around Earth. The point where a line of latitude and longitude cross can be written as a coordinate. For example, 30°N, 75°E.

Our Changing World

Types of Settlement



Map Scales

Maps are drawn to scale. The scale is written as a ratio, for example, 1cm:250m. We describe maps as small scale or large scale. Small scale maps have large numbers in their ratio, such as 1cm:250km. They contain little detail. Large scale maps have smaller numbers in their ratio, such as 1cm:250m. They show smaller areas of land in more detail.



small scale map



large scale map

Traffic Data

Data is information, including facts and statistics, that is collected, analysed and acted upon. Traffic data can be carefully looked at to make roads safer.

Trade Around the World

Countries worldwide export and import different products. The availability of natural resources, the climate and the type of soil in different countries can influence what they export.

Grid references, contour lines and map symbols



contour lines

Time Zones

The world is split into 24 meridians because there are 24 hours in a day. Each meridian is in the centre of a time zone.

