

Key Vocabulary

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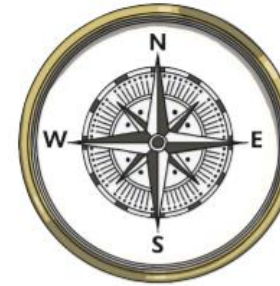
co-ordinates	A set of numbers and/or letters that show you a specific position on a map.
hemisphere	A half of the earth, usually divided by the equator into the northern and southern hemisphere .
observatory	A place for observing and studying natural events on Earth or in space.
polar	The area around the North or South Pole.
precipitation	Water particles that reach the ground including rain, hail and snow.

Significant Symbols

Compass Points

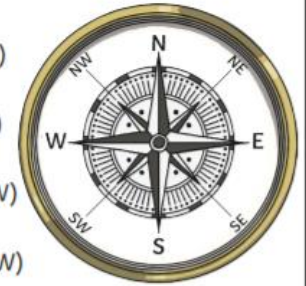
Four-Point Compass

N - north
E - east
S - south
W - west









Eight-Point Compass

north (N)
north east (NE)
east (E)
south east (SE)
south (S)
south west (SW)
west (W)
north West (NW)

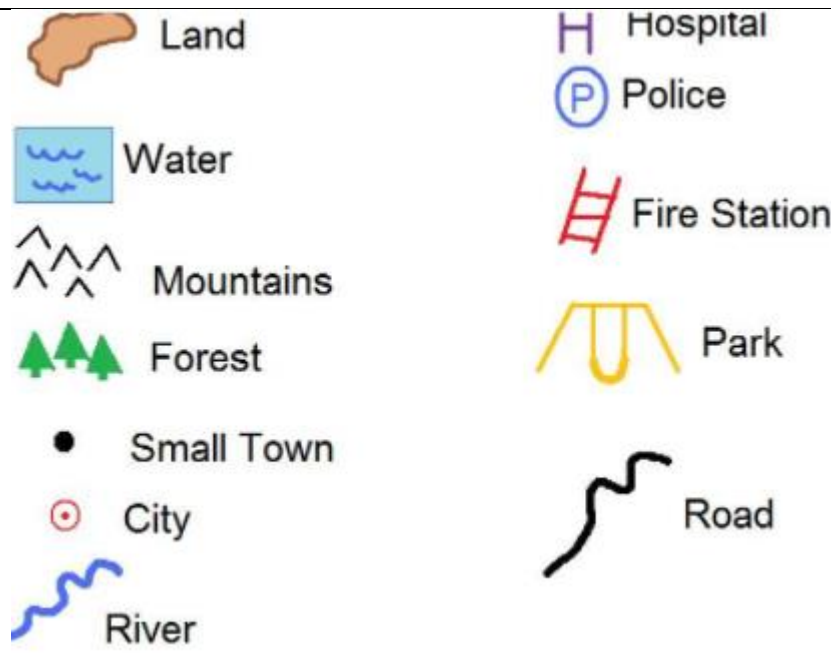


Symbols

- Maps use **symbols** instead of words to label real-life features.
- A key on the map tells you what the **symbol** means.

	Nature Reserve		Cycle Trail		Footpath
	Motorway		Train Station		Place of Worship

compass	A tool used for showing direction.
digital map	A map that uses technology such as a satnav.
easting	The numbers used in a grid reference that run west to east.
grid references	The numbered squares on a map used to locate a place.
National Grid	A system used to split Great Britain into 100km squares.
northing	The numbers used in a grid reference that run south to north.
Ordnance Survey maps	Detailed maps of Great Britain where each square represents 1km squared (1km ²).
symbols	Small pictures, letters or lines that represent a feature.



- Land
- Water
- Mountains
- Forest
- Small Town
- City
- River
- Hospital
- Police
- Fire Station
- Park
- Road

Key Places

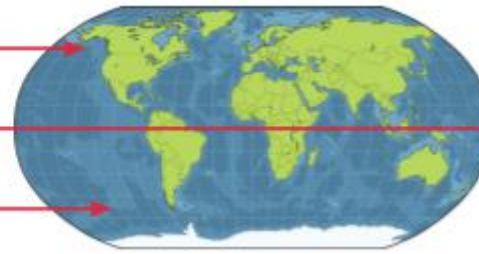
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northern hemisphere

equator

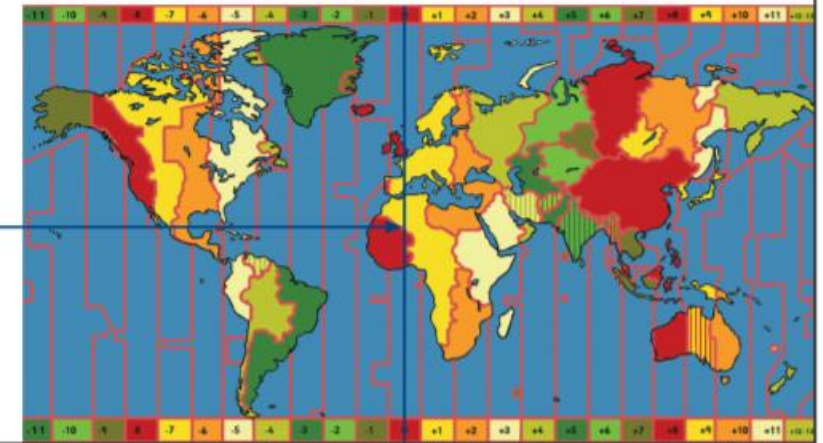
southern hemisphere



Time Zones

- The Prime Meridian (PM) line divides the earth into the eastern and western hemisphere.
- It passes through the Royal Observatory in Greenwich, England.
- All time zones start here - Greenwich Mean Time (GMT).
- There are 24 different time zones – one for each hour in the day.
- From GMT to the east = +1 hour for every time zone.
- From GMT to the west = -1 hour for every time zone.
- The International Date Line is on the opposite side of the world from the PM. When it is noon at the Prime Meridian, it is midnight along the International Date Line. This is where midnight occurs first across the globe.

Prime Meridian



Important Facts

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**.

