



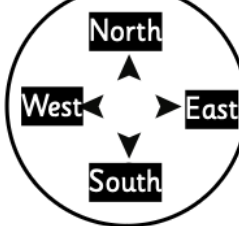
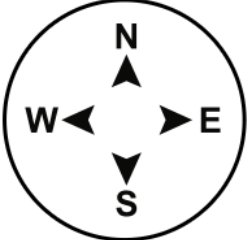
**cardinal**

essential

**cardinal**

compass points

'essential' compass points'



the compass was a Chinese invention

around 206 BC

(over 2000 years ago!)

**magnetic needle**

attracted by the Earth's magnet

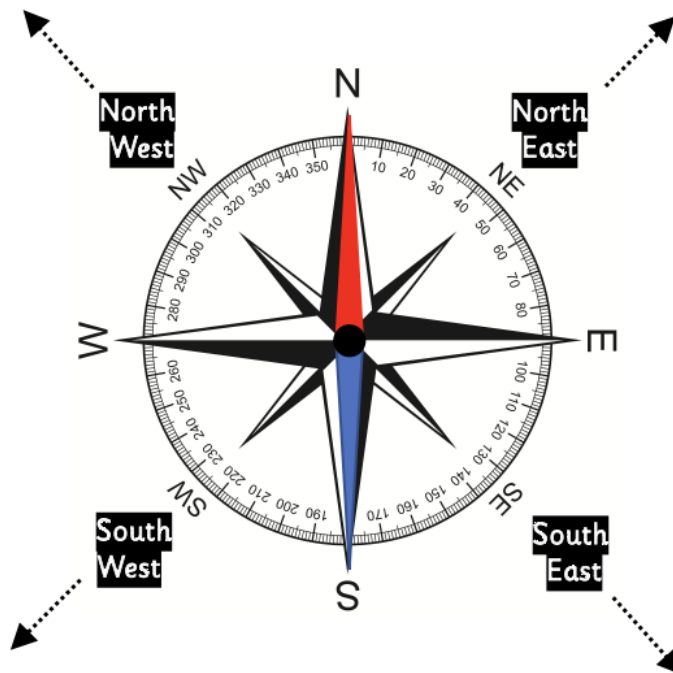
one end of the needle always points towards the **North Pole**

**direction**

we can give accurate directions

using the points between North, South, East and West

for example **north-east**



**inter + cardinal**

between + essential

**intercardinal** compass points

'between the essential' compass points

north - east  
south - east  
south - west  
north - west

**get your bearings**

**sunrise**



as the Earth rotates on its axis the sun appears to rise in the **east**

**get your bearings**

**sunset**



as the Earth rotates on its axis the sun appears to set in the **west**



**north** always points to the top of the **Ordnance Survey** map