

St Saviour's Catholic Primary and Nursery School



Subject: Geography

Topic: Spatial Sense

Year: 5

What should I already know?

- Awareness of the lines of longitude and latitude.
- Location of the Tropic of Capricorn and Tropic of Cancer.
- How maps can be made to different scales.

What am I going to learn?

- Cartographers use imaginary lines to help them locate places on maps.
- There are four hemispheres; northern, southern, eastern and western.
- The Prime Meridian divides the Eastern and Western hemispheres.
- The Prime Meridian runs through Greenwich in London.
- Co-ordinates can be used to help us locate places on a map.
- A co-ordinate is a point where lines on a globe cross over.
- When we write coordinates we write the latitude first, then the longitude.
- Maps are drawn to different scales; some show us small areas, others show us large areas.
- A relief map is a map that shows how high land is.
- On relief maps, colours can be used to show heights; dark green means at the same height as the sea, through yellow to brown.

Vocabulary

Lines of longitude- imaginary lines that run from north to south around the globe: lines of longitude can be used to identify the location of a place as expressed in degrees east or west from the prime meridian line (longitude lines are not parallel to each other)

Lines of latitude- imaginary lines that run parallel to the equator: like lines of longitude, they can be used to identify the location of a place.

Prime meridian- an imaginary line that divides the earth into two sections to show the eastern and western hemispheres (it also used as the basis for world time zones).

Co-ordinates- numbers that represent a location on a map.

Eastern Hemisphere- a term used to describe places that are east of the meridian line.

Western Hemisphere- a term used to describe places that are west of the meridian line.

Relief maps- a map that uses shading and colours to indicate the height of the land.

Useful Websites

<https://www.youtube.com/watch?v=CV2UCYwqwno>

<https://www.bbc.co.uk/bitesize/articles/zxdpn9q>

