

# St Saviour's Catholic Primary and Nursery School



**Subject: Geography**

**Topic: Spatial Sense**

**Year: 6**

## What should I already know?

- Understanding of the lines of longitude and latitude and the four hemispheres.
- Co-ordinates can be used to help us locate places on a map.
- Maps are drawn to different scales

## What am I going to learn?

- Lines of longitude run from the North Pole to the South Pole.
- Lines of latitude run parallel to the equator.
- The points where lines of longitude and latitude intersect are co-ordinates.
- The Arctic Circle is a region around the North Pole.
- The Antarctic Circle is a region around the South Pole.
- In the Arctic and Antarctic Circles there are winter days when the sun doesn't rise, and summer days when the sun doesn't set.
- Polar Night and Midnight Sun are caused by the tilt of the earth on its axis.
- The Prime Meridian is the point where the world begins to be divided into 24 sections called time zones.
- Within a time zone, people observe the same time as it is convenient for business, trade and communications.
- Wealth distribution around the world is uneven.
- Food consumption around the world is uneven.

## Useful Websites

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

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

<https://www.youtube.com/watch?v=gesswzlnE3I>

## 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.

**Lines of latitude-** imaginary lines running parallel to the equator that help to locate places with accuracy.

**Axis-** an imaginary line around which the Earth rotates.

**The Poles-** the two locations on the surface of the Earth that are at the northern and southern ends of the axis of rotation.

**Tropic of Cancer-** the line of latitude 23° north of the equator.

**Tropic of Capricorn-** the line of latitude 23° south of the equator.

**Prime Meridian-** the line of longitude at 0°

**Time zone-** a range of longitude that shares a common time.

**Map projection-** a method that represents the Earth on a flat surface.

