

# Year 4 Doves Geography



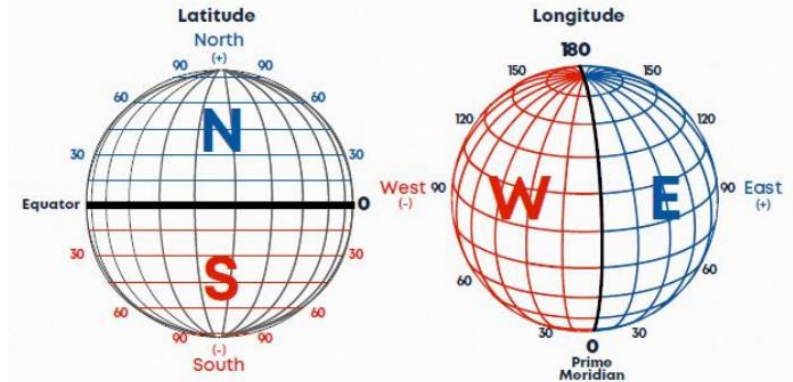
Autumn 1



## Spatial Sense



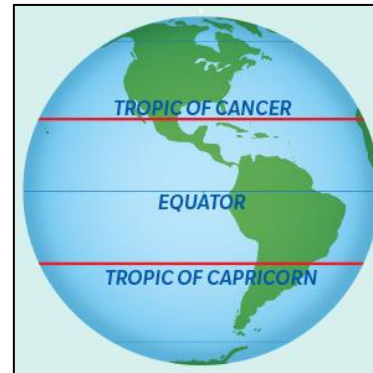
### Geographic coordinate System: Latitude and Longitude.



Northern and Southern Hemispheres divided by the equator.  
Eastern and Western Hemispheres calculated from the Prime Meridian 0°.

Key Vocabulary	Definition
<b>Atlas</b>	A collection of maps often of each country of the world.
<b>Eastings</b>	Numbered lines on a map that run from top to bottom (North to South).
<b>Equator</b>	An imaginary line that shows us that locations are half way between the north and south poles. It divides the Earth into the Northern and Southern Hemispheres.
<b>Grid references</b>	The numbered squares on a map used to locate a place.
<b>Hemisphere</b>	A term used to describe half of the globe.
<b>Lines of Latitude</b>	Imaginary lines that run horizontally, parallel to the equator. They help us to identify how far north or south of the equator a location is.
<b>Lines of Longitude</b>	Imaginary lines that run vertically from north to south around the globe. They are not parallel to each other. They are used to identify how far east or west of the Prime Meridian line a location is.
<b>Maps</b>	A map is a picture of a place, usually drawn from above.
<b>Northings</b>	Numbered horizontal lines found on maps. (East to West)
<b>Prime Meridian</b>	The line of longitude that measures 0° and runs through Greenwich in London.
<b>Scale</b>	The scale on a map shows the size of the area represented by the map.
<b>Tropic of Cancer</b>	The most northern line of latitude where the sun can be directly overhead. Named after the constellation of Cancer. 23° north of the equator.
<b>Tropic of Capricorn</b>	The most southern line of latitude where the sun can be directly overhead. Named after the constellation of Capricorn. 23° south of the equator.

### Tropics of Capricorn and Cancer 23° north and south of the equator.



### Brandon; change over time



**Scale:** The scale of a map is the fraction of the distance that is on the map to the actual space on the ground.

a) (1 centimeter represents 250 meters)

b) 1: 25 000

c)

**Grid References:** A map is cross-crossed with horizontal and vertical lines that form a grid. Grid references help people locate places on maps and in atlases. Usually the lines are numbered with two digits. Eastings run west to east. Northings run south to north. Eastings and Northings numbers are put together to form 4-figure grid references. e.g. 6832 refers to the square marked with a star.

