

**NANUKU SANGAM SCHOOL**  
**SOCIAL SCIENCE YEAR 8**

**Strand: Place and Environment**

**Sub- Strand: Features of Places**

**CLO:** Investigate the main climatic regions of the world and express their effects on people's lives and work.

**Climate** is the characteristic condition of the atmosphere near the earth's surface at a certain place on earth. It is the long-term weather of that area (at least 30 years).

This includes the region's general pattern of weather conditions, seasons and weather extremes like hurricanes, droughts, or rainy periods.

Two of the most important factors determining an area's climate are air temperature and precipitation.

The climate of a region will determine what plants will grow there, and what animals will inhabit it.



- Tropic of Capricorn(23.5 degrees South)
- Tropic of Cancer( 23.5 degrees North)
- Arctic Circle(66.5 degrees North)
- Antarctic Circle(66.5 degrees South)

- ❖ Lines running down from north to south down the map are called meridians of longitude.[ it includes the International Dateline(180degrees East or West)] and the Prime Meridian (Greenwich, 0 degrees longitude)

Latitude is always given before longitude



- ❖ Lines running East-West across the map are called parallel of latitudes
- ❖ The Equator is the longest line of latitude

## QUESTIONS

1. Define 'climate' in your own words.

Climate is the atmospheric condition of the earth's surface at a certain place on earth for a long period of time

2. What 2 factors determine areas climate?

Air Temperature

Precipitation

3. Which is the longest line of latitude?

Equator

4. What do you call lines running from north to south down the map?

Meridians of longitude

5. Lines running East-West across the map are called

Lines of Latitude or parallels of latitude.