

**SESSION : 11**

**CLASS :V**

**SUBJECT : (SOCIAL SCIENCE)**

**CHAPTER NUMBER: 4**

**CHAPTER NAME : Climate**

**SUBTOPIC : Distance from the sea, winds, humidity**

**CHANGING YOUR TOMORROW**

## LEARNING OBJECTIVES:

Children will come to know about-

- Difference between weather and climate
- The factors that affect the climate of a place
- How distance from the sea, winds, humidity affects the climate

## RECAPITULATION

### FACTORS AFFECTING CLIMATE:

#### ➤ **Latitude (Distance from the Equator)**

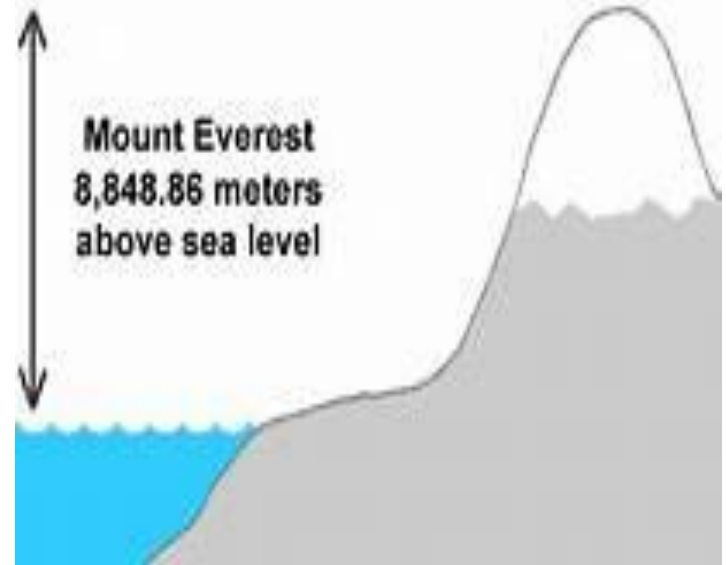
As we know that all parts of the Earth donot receive the same amount of sunlight from the Sun, therefore based on the amount of heat received, the Earth is divided into three heat zones -

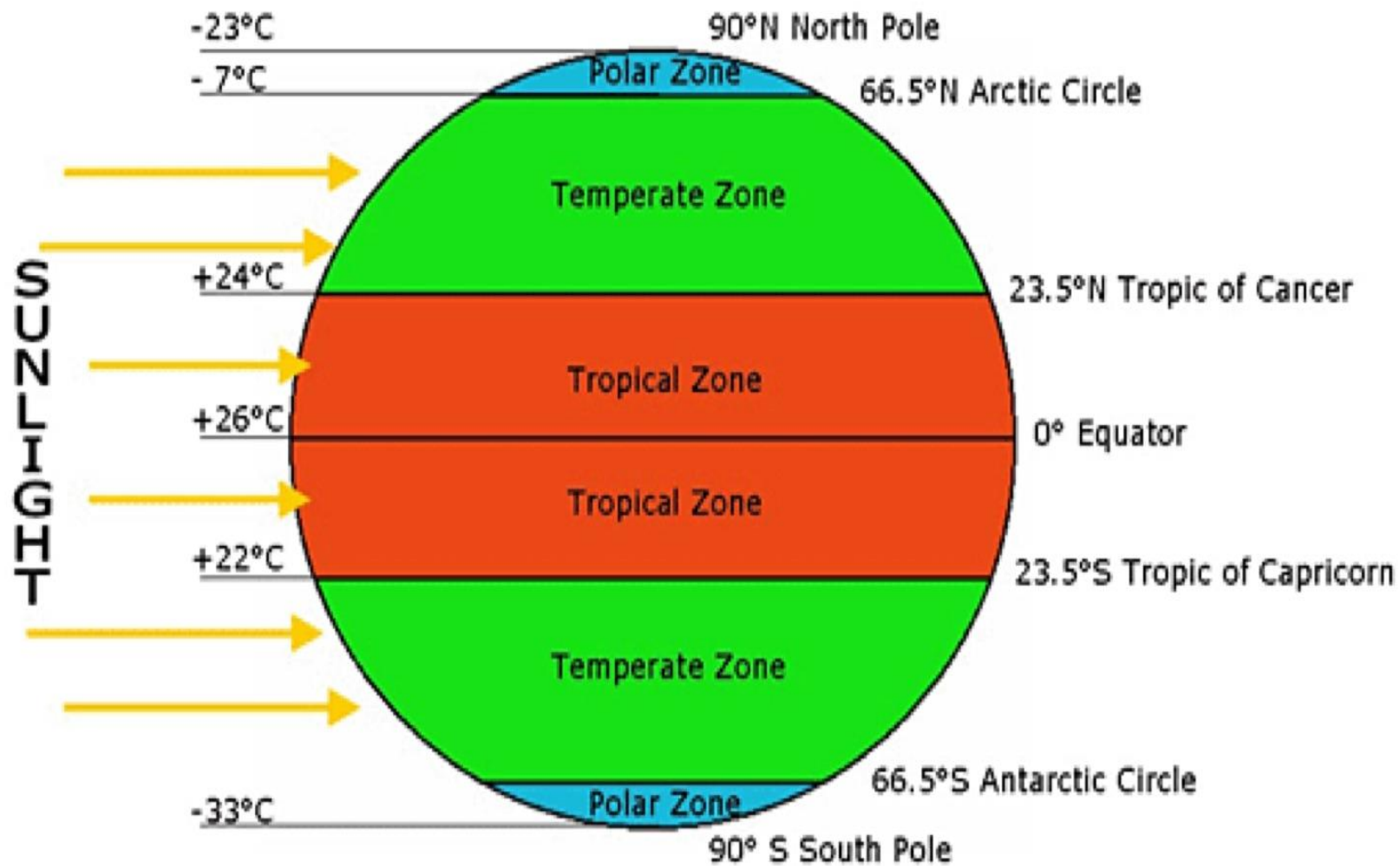
- the torrid zone
- the temperate zone
- the frigid zone

#### ➤ **Height above sea level**

- **Distance from the sea**
- **Winds**
- **Humidity**

Mount Everest has the **HIGHEST ALTITUDE**  
(altitude is measured in feet above sea level)

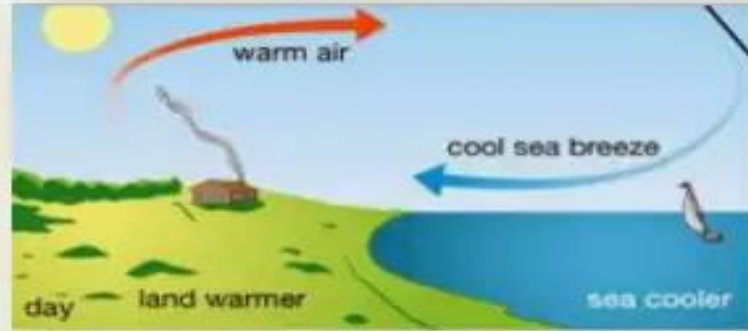




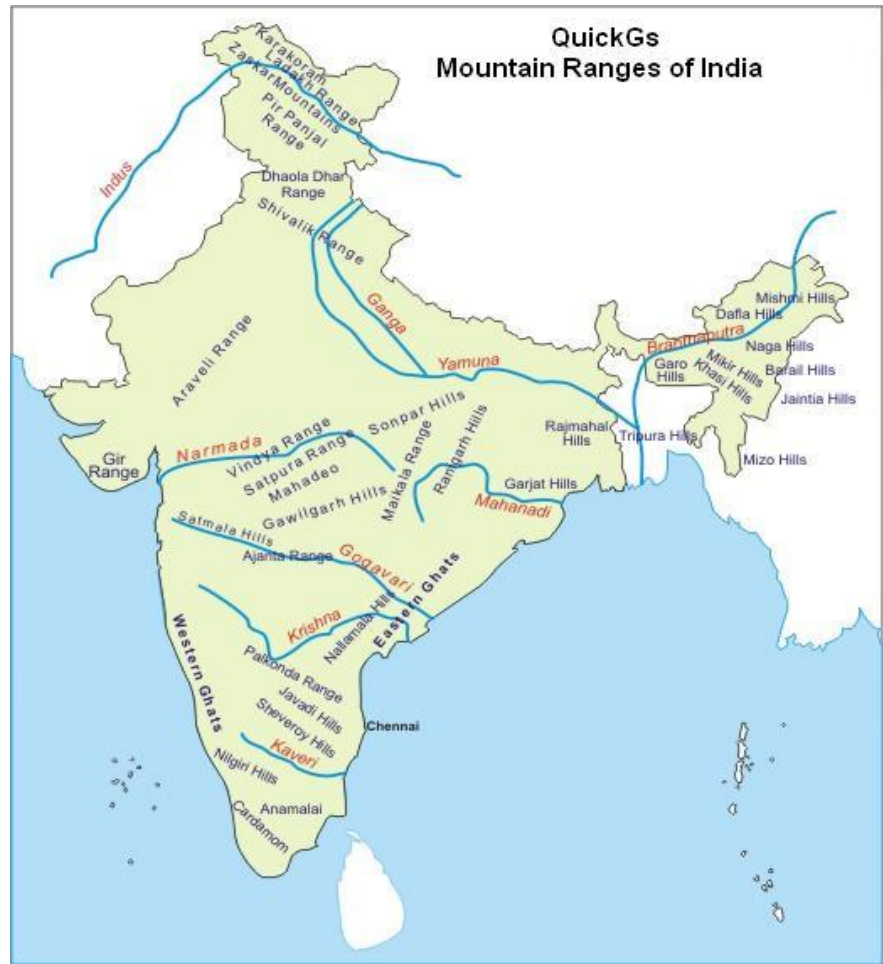
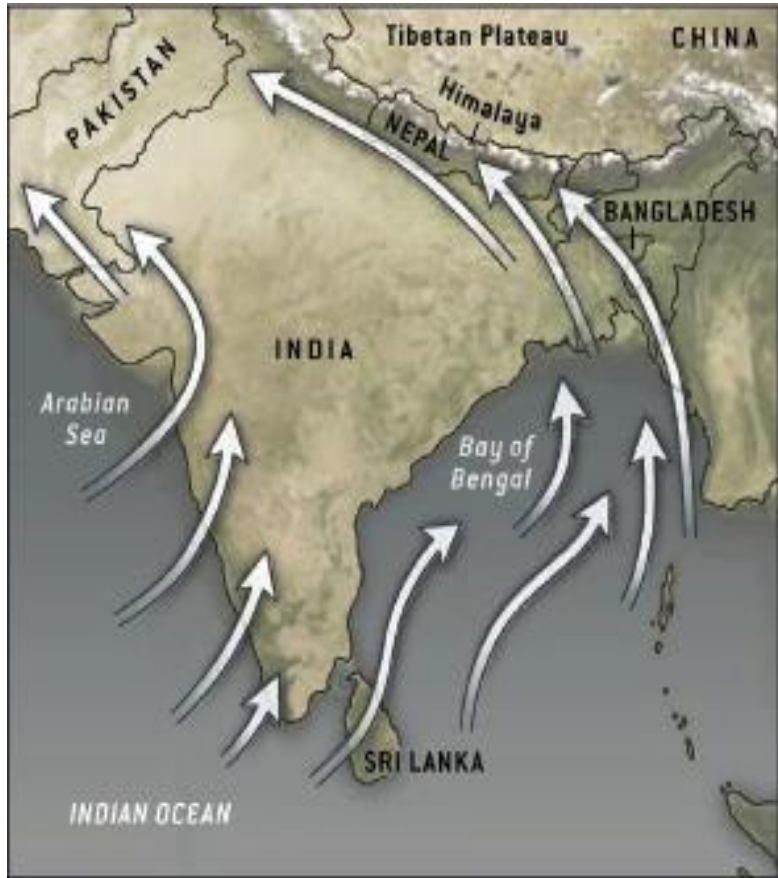
## Distance from the sea

16

- The sea regulates the temperature because it takes a long time to warm up or to cool down.



# WINDS





# SUMMING UP:


## Factors which affect climate

Certain factors affect climate and these explain why climates differ from one region to another.

### Humidity

**HUMIDITY**

- Humidity is how much water vapor is in the air.
- Low humidity is when the air feels dry.
- High humidity is when the air feels damp.
- Another weather factor is affected by humidity. This factor is known as "precipitation."



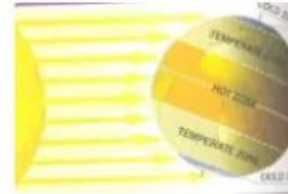
### Distance from the sea



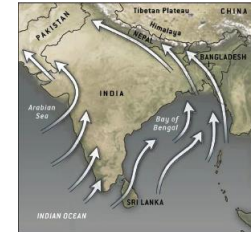
### Altitude



### Proximity to the Equator



### Wind





# HW

**DRAW THE DIAGRAM OF THE GLOBE SHOWING SUN'S RAYS FALLING DIRECTLY ON THE EQUATOR AND SLANTING AT THE POLES IN THE NOTEBOOK.**

## LEARNING OUTCOME:

Children will be able to know -

- The meaning of weather and climate
- How climate is affected by distance from the sea, winds & humidity

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**