



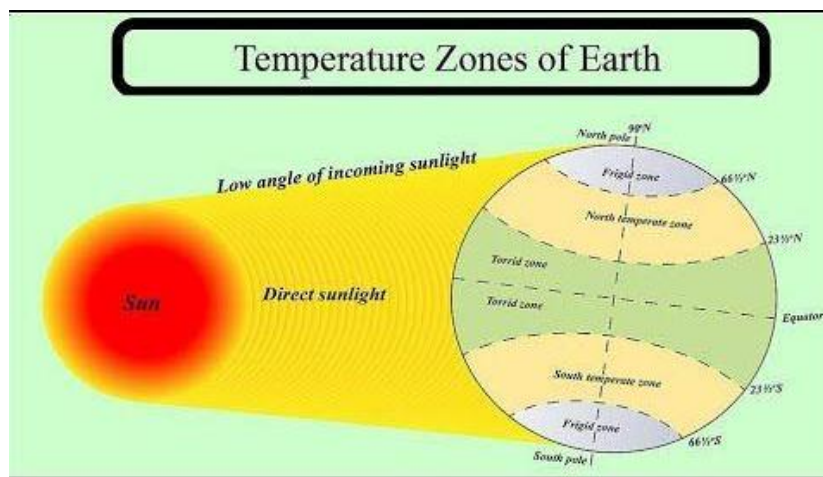
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LS NO 7- Types of Climate

### A)Pre- Activity: Draw the climatic zones of Earth



### B) Keywords:

precipitation, evaporation, excessive, rainforests, photosynthesis, understorey, nomads, partially, calcification, species, abundance, oblique angle, adapted, Eskimos, habitation

### C) Short answers questions:

1. Why do the tropics experience high rainfall?

Ans1. The tropics experience high rainfall due to the convergence of warm, moist air masses, resulting in frequent and heavy precipitation.

2. List the plants found in desert.

Ans2. Plants found in deserts include cacti, succulents, tumbleweeds, and desert shrubs.

3. List the animals found in the temperature regions.

Ans3. Animals found in the temperature regions include deer, squirrels, rabbits, foxes, bears, and various bird species.

4. What kind of vegetation are you likely to see in the frigid zones?

Ans4. In the frigid zones, you're likely to see vegetation such as mosses, lichens, and dwarf shrubs.

## D) Long answers questions:

1. Why are rainforests important for Earth's environment?

Ans. Rainforests are important for Earth's environment because they help regulate climate, produce oxygen, store carbon dioxide, support biodiversity, provide habitats for numerous species, and contribute to water cycling through transpiration.

2. How do oases help sustain life in the deserts?

Ans2. Oases help sustain life in deserts by providing sources of water, allowing vegetation to grow, attracting wildlife and supporting human settlements and agriculture.

3. Describe the climate of the temperate regions.

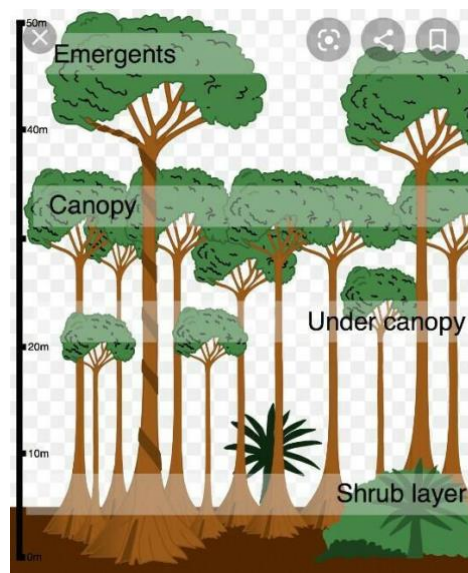
Ans3. The climate of temperate regions is characterized by moderate temperatures, distinct seasons (spring, summer, autumn and winter), and varying amounts of rainfall throughout the year, supporting diverse ecosystems and agriculture.

4. Describe the wildlife found in the frigid zones.

Ans4. The wildlife found in frigid zones includes species adapted to cold environments, such as polar bears, Arctic foxes, reindeer (caribou), seals, penguins, whales and various seabirds, with adaptations such as thick fur, blubber, and specialized hunting techniques for survival in harsh conditions.

## E) Post Activity:

Draw the layers in Evergreen forest.



**SUBJECT TEACHER**

**HOD**

**COORDINATOR**

**PRINCIPAL**