

Finn's Global Climate Expedition

Dive into the World: Explore the Patterns of our Planet!

- **The Tropical Zone:** Found near the Equator, this region experiences high temperatures and heavy rainfall throughout the year, creating lush rainforests.
- **The Temperate Zone:** Located between the Tropics and the Polar regions, this zone features four distinct seasons with moderate temperatures, perfect for diverse plant life.
- **The Polar Zone:** These regions, situated at the top and bottom of the globe, have extremely cold temperatures and very little precipitation, resulting in tundra and ice caps.
- **Arid Climates:** These areas receive very little rain, often resulting in vast deserts where plants and animals have evolved unique ways to store water.
- **Climate vs Weather:** Weather describes the conditions outside right now, whereas climate is the average pattern of weather in a place over a long period of time.

Did you know? Did you know that the Earth is divided into climate zones based on latitude? Because the Earth is a sphere, sunlight hits the Equator directly, making it very hot, while the North and South Poles receive slanted rays, resulting in freezing, icy conditions all year round!

Key vocabulary: Equator · Tropics · Temperate · Polar · Atmosphere · Precipitation · Latitude · Arid