

Weather and Climate with Finn the Dolphin

Learning objective: To understand the difference between weather and climate and identify key characteristics of different climate zones around the world.

Read the term or question on the front of the card, try to define it or answer the question, and then check your answer on the back!

What is Weather?

Weather: The day-to-day conditions of the atmosphere in a specific place, such as if it is rainy or sunny today.

What is Climate?

Climate: The average weather patterns in a place over a long period of time (usually 30 years).

What is the Equator?

Equator: An imaginary line around the middle of the Earth where it is generally hot all year round.

Describe a Tropical Climate.

Tropical: A warm and humid climate found near the equator, often with heavy rainfall.

Describe a Polar Climate.

Polar: A very cold climate found at the North and South Poles, where it is freezing for most of the year.

Describe a Temperate Climate.

Temperate: A climate with moderate temperatures and distinct seasons (like the climate in the UK).

What is Precipitation?

Precipitation: Any form of water that falls from the sky, such as rain, snow, sleet or hail.

What does a Thermometer measure?

Thermometer: An instrument used to measure the temperature of the air.

What is Humidity?

Humidity: The amount of water vapour (moisture) present in the air.

What is the Atmosphere?

Atmosphere: The layer of gases that surrounds the Earth, where all weather happens.

Which is a long-term pattern: Weather or Climate?

Climate: Because it looks at averages over many years, not just one day.

Where would you find a Polar climate?

Polar Climate: At the North Pole (Arctic) and the South Pole (Antarctica).