Finn’s Climate Explorers: Grade 2 Geography Flashcards

Learning objective: To understand key terms related to climate, weather, and the different climate zones of the world.

Read the front of the card to test your knowledge. Flip it over (or check the answer provided) to see if you are correct. Can you explain these terms to a friend?

What is the difference between weather and climate?

Weather is what is happening outside right now (like rain or sun), while climate is the average weather pattern in a place over a very long time.

What is the Equator?

An imaginary line that circles the middle of the Earth, dividing it into the Northern and Southern Hemispheres.

Describe a Tropical climate.

A hot and humid climate found near the Equator, where it rains a lot and stays warm all year round.

What is a Polar climate?

A very cold climate found at the North and South Poles, where temperatures stay below freezing for most of the year.

Define a Temperate climate.

A climate with mild temperatures and four distinct seasons (spring, summer, fall, and winter), like the climate in the United Kingdom.

What does 'Arid' mean?

A climate that is very dry with very little rainfall, often found in deserts.

What is precipitation?

Water that falls to the ground from the sky, such as rain, snow, sleet, or hail.

What is temperature measured in?

Degrees Celsius (°C).

What is the atmosphere?

The layer of gases that surrounds the Earth, acting like a blanket to keep the planet warm.

Why is the climate near the Equator usually hotter?

Because that part of the Earth receives the most direct sunlight throughout the year.