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What is Weather

Discover the exciting world of weather and its wonders!

DEFINITION

> Weather is the condition of the atmosphere at a specific time and place. It includes elements like temperature, humidity, and precipitation.

KEY CONCEPTS

Temperature

Temperature measures how hot or cold something is, usually in degrees Celsius or Fahrenheit.

Humidity

Humidity is the amount of water vapor in the air, affecting how we feel temperature.

Precipitation

Precipitation includes all forms of water that fall from clouds, such as rain, snow, and sleet.

Wind

Wind is the movement of air caused by differences in temperature and pressure in the atmosphere.

Clouds

Clouds are made of tiny water droplets or ice crystals and come in various types, affecting weather.

EXAMPLES

→ It's sunny today with a temperature of 25°C.

→ Yesterday, we had heavy rain and thunderstorms.

→ The wind is blowing gently, making it a perfect day for a picnic.

MEMORY TIPS

★ Remember 'Hot and Cold' for temperature changes.

★ Use 'H2O' to recall humidity as water vapor.

★ Think of 'Rain, Snow, Sleet' to remember types of precipitation.

COMMON MISTAKES

✗ Confusing weather with climate, which is long-term.

✗ Not recognizing that humidity can make temperatures feel different.

✗ Forgetting that clouds can indicate upcoming weather changes.

QUICK RECAP

Weather refers to the atmospheric conditions at a specific time. Key elements include temperature, humidity, precipitation, and wind. Understanding these concepts helps us predict daily weather changes.