

Grade 4 Geography: Climate Explorers

Learning objective: To understand the difference between weather and climate, identify different climate zones, and explore factors that affect global climates.

Use these flashcards to test your knowledge of global climates. You can use them to quiz a partner or test yourself by covering the answer side.

What is the difference between weather and climate? Weather is what is happening outside right now (e.g., rain or sun), while climate is the average weather conditions in a place over a long period of time.	Which imaginary line circles the middle of the Earth, where the climate is usually very hot? The Equator.
Finn the dolphin is traveling. What do we call the regions near the Equator that are hot and wet all year round? The Tropical zone (or Tropics).	Nova the owl is looking at the globe. What are the two coldest climate zones found at the very top and bottom of the Earth? The Polar zones (Arctic and Antarctic).
What type of climate does the UK have, which is neither extremely hot nor extremely cold? A Temperate climate.	Why does the temperature usually get colder as you move further away from the Equator? Because the Sun's rays are less direct and spread over a larger area the further you move towards the poles.
What is the collective term for rain, snow, sleet, or hail? Precipitation.	How does altitude (height above sea level) affect the climate of a mountain? Generally, the higher you go, the colder the temperature becomes.
Zara the zebra notices that some places have very little rain. What do we call a region with an extremely dry climate? An Arid zone (or Desert).	If a tropical fruit costs £1.50 to import due to its specific climate needs, how much would 4 of those fruits cost? £6.00.