

Climate Zones of the Earth



Name:

Date:

Climate zones of the Earth

Watch the video. Afterwards, try to match the different pieces of information around temperature, vegetation, animals etc. with the correct climate zone.



Youtube: climate zones explained (explainity® explainer video)

To watch the youtube video just scan the QR code.

Tropics

Subtropics

Temperate Zone

Subpolar Zone

Polar Zone

very cold in winter · Weather: Constant daylight in summer · bears · foxes · Weather: Four distinct seasons · short winter days · low precipitation in winter · wet winters · and olive trees · Temperatures: Regularly exceed zero degrees Celsius in summer · oak trees · Vegetation: Coniferous

forests in some areas · pleasantly warm summers · penguins (Antarctica) · Distance from the equator: Closest to the poles · Palestine experiences temperatures ranging from around 0°C in the winter to 40°C in the summer in some regions. In coastal areas · constant darkness in winter · lots of precipitation in summer · Distance from the Equator: Palestine is located in the Northern Hemisphere and lies about 2 · Typical animals: Deer · low precipitation · extremely cold in winter · and mixed forests · pine trees · the temperatures are milder · coldest month below 20 degrees Celsius · rainy winters. The coastal areas experience humidity and milder weather compared to the inland areas · Weather: Long summer days · Typical animals: Camels · Typical animals: Moose · Mediterranean landscapes · Temperatures: Very hot summers · coniferous · which can be much drier. Typical Animals: In Palestine · foxes · variable precipitation · you can find trees like pines · olive trees · Vegetation: Almost no plants · Vegetation: Deciduous · along with shrubs and wildflowers. Temperatures: Throughout the year · 800 kilometers north of the equator. Vegetation: Palestine has a diverse range of vegetation · while the inland and desert areas experience more extreme heat in summer. Weather: Palestine has a Mediterranean climate · olive groves · including Mediterranean woodlands · dry summers and cool · with hot · Typical animals: Polar bears (Arctic) · Weather: Dry summers · scattered showers · Temperatures: Icy cold winters · and many species of birds like the Palestine sunbird. Reptiles such as lizards and snakes also thrive in the region's varied habitats. · closer to polar zones · Temperatures: Just above freezing in summer · wolves · you can find a variety of animals that are typical of the Mediterranean region. Common animals include gazelles · Vegetation: Deserts · Distance from the equator: Adjacent to the tropics · oaks · Distance from the equator: Between subtropics and subpolar zones · and coastal plains. In these areas · Distance from the equator: Farther from the equator · lizards

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Which climate zone do I come from?

Read through the reports of the three children. Then decide: Which climate zone do they each come from? Can you also guess the country? You will find a hint under each text.

Ariadne



Yassou! I'm Ariadne! Here, we have ancient olive trees and beautiful vineyards that make our landscapes so special. In the summer, it gets very hot, which is perfect for swimming in the clear blue waters. You'll often see goats, sheep, and even some wild boars in the countryside. The most rain comes in the winter, which helps our olives and grapes grow strong.

P. S.: My country's name starts with a G.

Lars



Hei! I'm Lars! We have tall pine and spruce forests that cover our mountains and valleys. In the summer, it's cool and mild, perfect for hiking and exploring. You might spot reindeer, elk, and even some lynx if you're lucky. The most rain comes during the fall, making everything fresh and green.

P. S.: My country's name starts with an N.

Sofía



Hola! I'm Sofía! Our land is full of lush rainforests and beautiful savannas. During the summer, it gets really warm and humid, perfect for playing by the river. You can see parrots, jaguars, and capybaras in the wild. The most rain comes in the summer, making our forests even more vibrant and alive.

P. S.: My country's name starts with a P.

Note here for each of the three texts the climate zone (tropics, subtropics, temperate zone, subpolar zone, polar zone) and the country.

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In which climate zone do you live? Note down what the weather is like in your area throughout the year, which plants grow there, and which animals live there. Then compare it with the information you were able to gather about the different climate zones.
