

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.

<https://www.youtube.com/watch?v=7yiqkOH1GTQ>

Tropics

Subtropics

Temperate Zone

Subpolar Zone

Polar Zone

Mediterranean landscapes · Palestine experiences temperatures ranging from around 0°C in the winter to 40°C in the summer in some regions. In coastal areas · the temperatures are milder · coldest month below 20 degrees Celsius · wolves · short winter days · Distance from the equator:

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

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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.

Sofia



Hola! I'm Sofia! 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.
