

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

and olive trees · you can find trees like pines · bears · Typical animals: Moose · Weather: Dry summers · dry summers and cool · 800 kilometers north of the equator. Vegetation: Palestine has a diverse range of vegetation · Weather: Four distinct seasons · which can be much drier. Typical

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

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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.
