

# 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**

**Temperatures:** Just above freezing in summer · **Vegetation:** Coniferous forests in some areas · wet winters · constant darkness in winter · and many species of birds like the Palestine sunbird. Reptiles such as lizards and snakes also thrive in the region's varied habitats. · 800 kilome-

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

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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.**

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