



Geography

All Around the World

A vibrant, cartoon-style illustration of a tropical beach. In the foreground, a large palm tree with a thick, textured trunk stands on the left. The beach is sandy and shows shadows from the trees. In the middle ground, the ocean is a bright blue, with a small boat visible. The sky is a clear, bright blue with a few white clouds. A small airplane is flying in the upper left. In the background, there are distant mountains or hills. A large, semi-transparent blue circle is centered over the scene, containing the title text.

In the Tropics

Aim

- I can compare the climate of the tropics with the UK climate.

Success Criteria

- I can identify the location of the Tropics of Cancer and Capricorn.
- I can identify differences between the UK and the tropics.
- I can identify similarities between the UK and the tropics. I can describe the climate in the tropics.

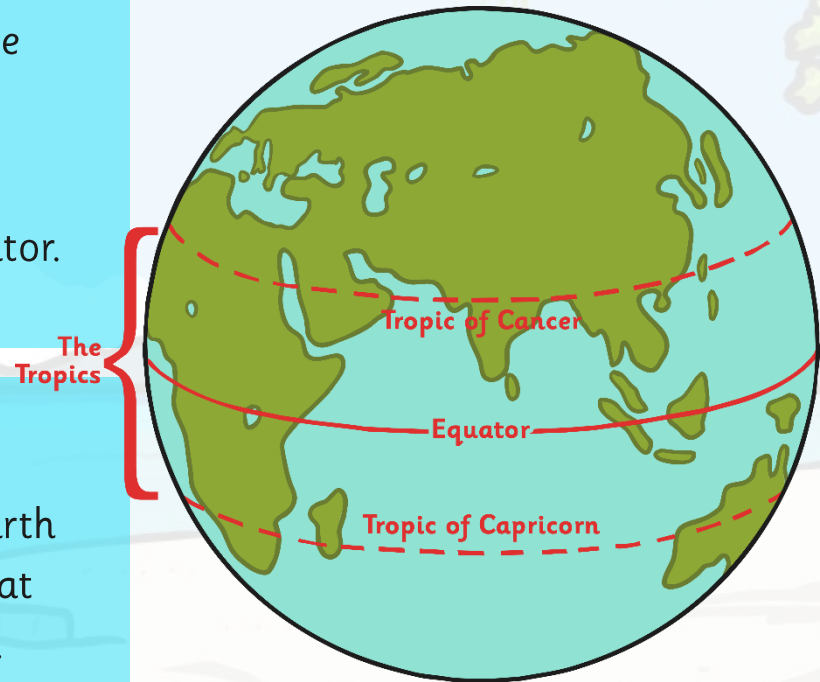
Where Are the Tropics?

The Tropic of Capricorn, or Southern Tropic, marks the most southerly latitude on the Earth at which the Sun can be directly overhead.

It currently lies 23.5° south of the Equator.

The Tropic of Cancer, or the Northern Tropic, is the circle of latitude on the Earth that marks the most northerly position at which the Sun can be directly overhead.


It currently lies 23.5° south of the Equator.



What Is It like in the Tropics?

Between the Tropics of Cancer and Capricorn, the weather is hot all year round.

Rainfall can be vary varied in tropical locations – some areas have very little rain, some have a rainy season and some have fairly consistent rainfall throughout the year.



Rainforests have an average monthly rainfall of at least 60mm.

Comparing the UK and the Tropics

What is the weather like in the
UK?



What is the weather like in the
tropics?



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Comparing the UK and the Tropics



How would the weather in the tropics be different to the weather in the UK?

- There are no cold seasons
- It is always hot
- It feels very humid or sweaty
- Some areas have lots of rain all year round
- Some areas are very dry all year round
- It is hot when it rains
- It never snows
- The sun shines every day

How would the weather in the tropics be similar to the weather in the UK?

- Sometimes we have a lot of rain here; we can have big rain storms as you do in the tropics
- It can be hot in summer in the UK (but not as hot as the tropics!)

The UK climate is very different to a tropical climate!



What's the Weather Like?



Tropical Weather Report

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Where are you reporting from?	What is the highest temperature today?	What is the lowest temperature today?
What is the weather like today?	What is the wind speed and direction today?	Is today's weather normal for this time of year?
	What is the weather expected to be like next week?	

Where is your city located? Mark it on this world map so you know where to point when you give your forecast.



Now you're ready to prepare your forecast.

Think about:

- Who will introduce the forecast
- What facts you will share with the class
- Who will read each section
- Where you will need to point to on the map
- How you will sum up your forecast

Tropical Weather Areas

Cairns, Queensland, Australia (Tropical monsoon climate)	Lagos, Nigeria (Tropical savannah climate)	Singapore (Tropical rainforest climate)
Honolulu, Hawaii, USA (Tropical savannah climate)	Jakarta, Indonesia (Tropical monsoon climate)	Innisfail, Australia (Tropical rainforest climate)
Kuching, Malaysia (Tropical rainforest climate)	Rio de Janeiro, Brazil (Tropical savannah climate)	Macapa, Brazil (Tropical monsoon climate)
Mumbai, India (Tropical savannah climate)	Bangkok, Thailand (Tropical savannah climate)	Darwin, Northern Territory, Australia (Tropical savannah climate)
Chittagong, Bangladesh (Tropical monsoon climate)	Paramaribo, Suriname (Tropical rainforest climate)	Miami, USA (Tropical monsoon climate)

And Now, the Weather...



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