

Tropical Rainforests

A stylized illustration of a tropical rainforest. The background is a dark green gradient. Several tall, brown tree trunks are scattered across the scene. Some trees have thin, light green vines hanging from their branches. In the foreground, there are several clusters of bright green, broad-leafed plants. The overall style is simple and graphic.

What do we know?

Where can they be found?

What do you think you already know about...

Make a table like this
into your books and fill it
in.



Confident

Think I know

Need to check

Rainforests?

Tropical Adventure



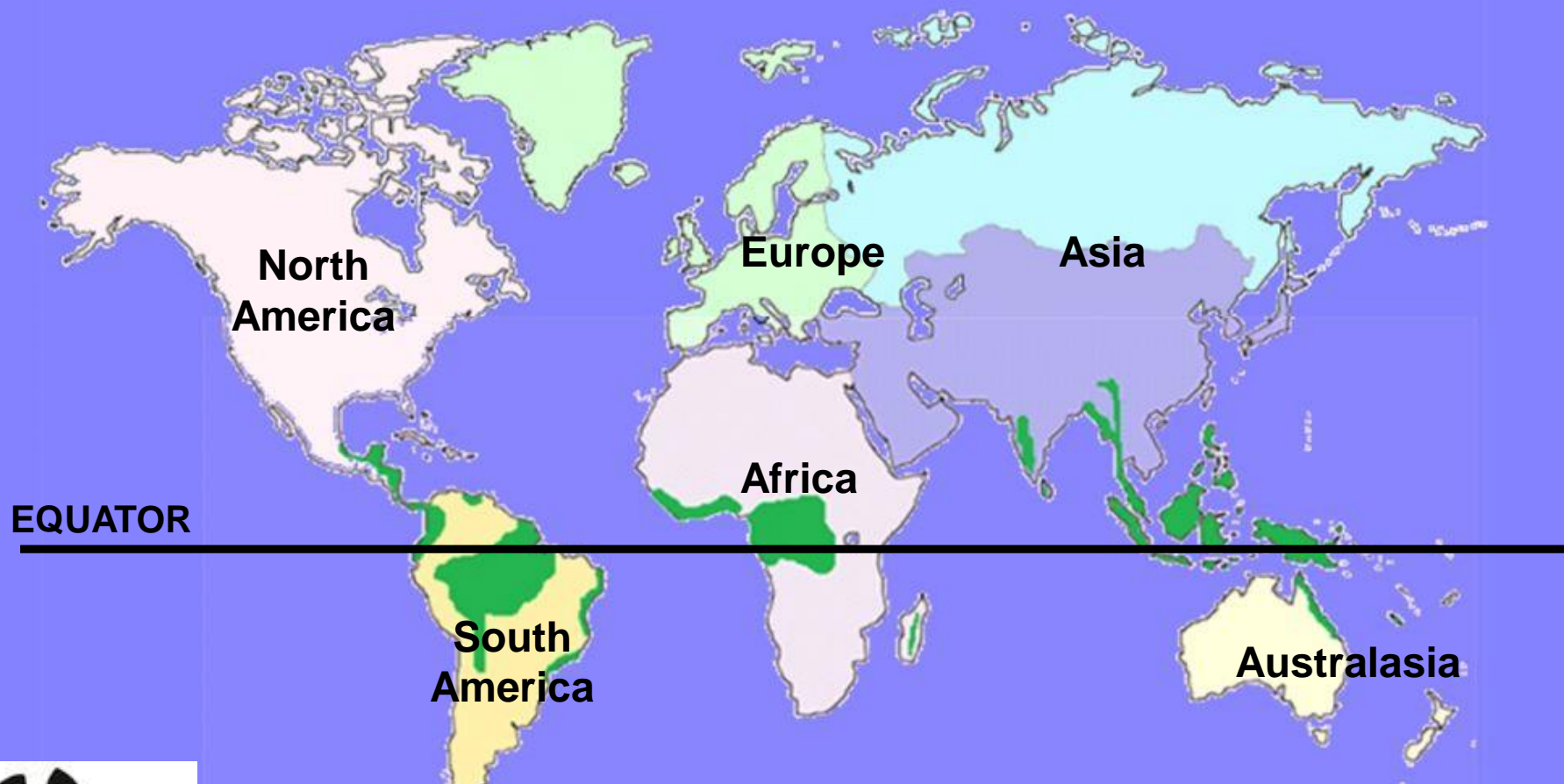
To learn where tropical rainforests are and how this links to the climate.



Describe/ Explain ... the location of tropical rainforests (Grade 1 > Grade 2)

Describe/Explain/Analyse ... how climate is related to its location (Grade 2 > Grade 3)

Where in the World are the...



Write a description of their location using this map.
Can you explain why they may be found in these locations?

Tropical Rainforests?



Did you know?...



The Rainforest in Costa Rica is home to over 9000 identified species of plant. There may be more!

The Rainforest in Papua New Guinea is home to 1571 known species of amphibians, birds, mammals and reptiles.

The Congo Rainforest in Africa is the second largest in the World (You could fit Wales into it over 187 times!).

EQUATOR

North America

Europe

Africa

South America

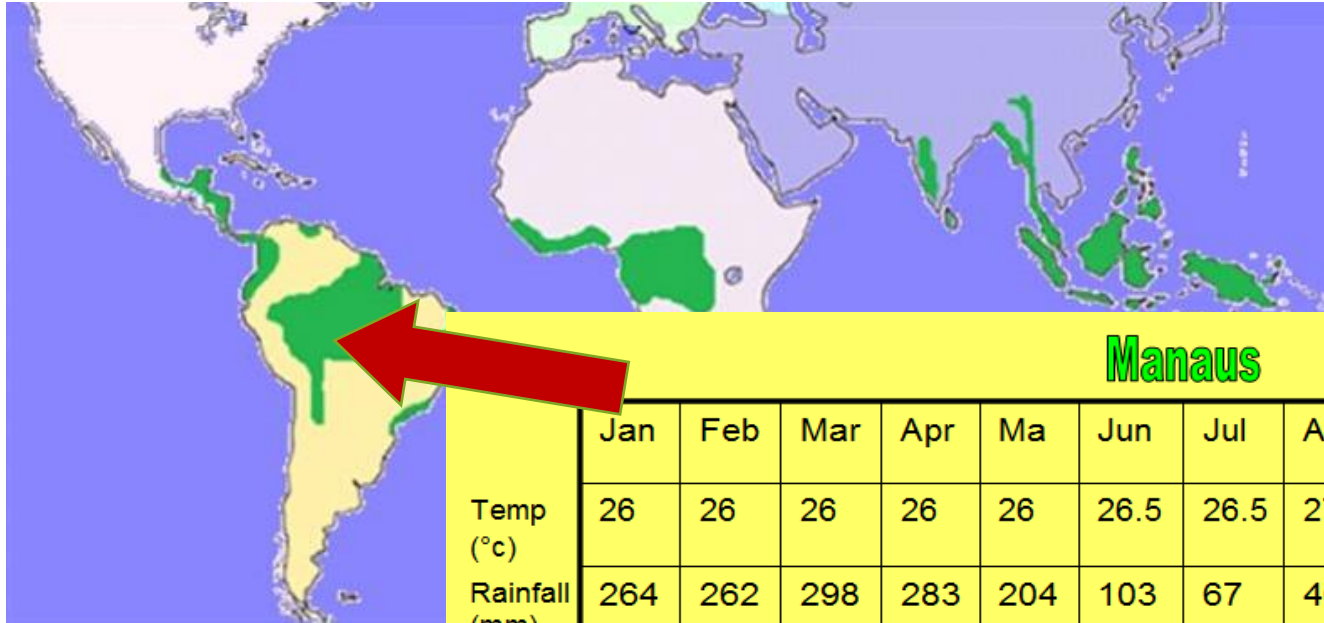
Australasia

The Amazon Rainforest in South America is the largest in the World (You could fit Wales into it over 197 times!).

780 tree species have been found in a 10 hectare plot of Malaysian rainforest. That's 23 times the amount of tree species found in the UK!

Tropical Rainforests

What is the climate of the tropical rainforest?



Manaus

	Jan	Feb	Mar	Apr	Ma	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temp (°c)	26	26	26	26	26	26.5	26.5	27	27.5	27.5	27	26.5
Rainfall (mm)	264	262	298	283	204	103	67	46	63	111	161	220

1. How much rainfall is there is a year in Manaus?
2. Which month has the most/least rainfall?
3. What is the highest temperature, and which month was this in?
4. What is the range in temperature?
5. Why is the temperature so constant in the tropical rainforest?

What Processes are there in the tropical rainforest?



Watch the video and use this to explain the rainfall in tropical rainforests.

Try to include information on

- a) Sea and Wind
- b) Mountain Ranges
- c) The forest itself

Peer Assessment



- Swap your work with another student.
- Read what they have written about the rainfall in a tropical rainforest.
- Give them a WWW and an EBI
- Remember to use purple pen

Key Ideas that should have been included

- The heat from the sun causes evaporation of oceans
- Winds send this water vapour inland
- Condenses and causes rain
- Hills in the rainforest force warm air to rise, cool and form rain
- Water transpires from the trees themselves – forming water vapour and then rain
- Mainly rains in the afternoon / evening as the sun has had time to heat the ground up more
- Known as convectional rainfall