

# Bilingualer Erdkundeunterricht in der Oberstufe

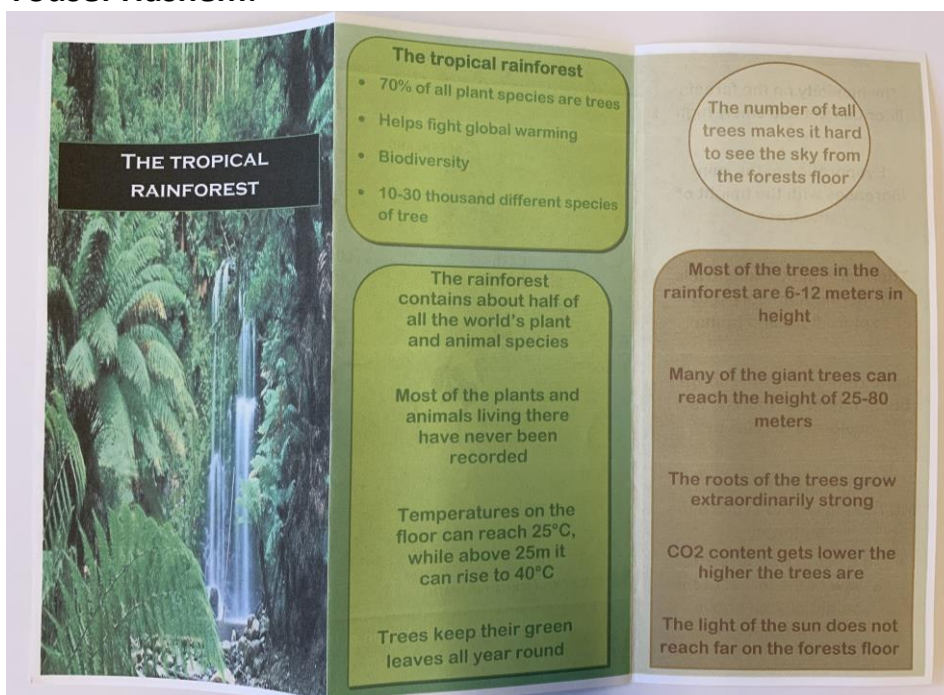
## Thema:

### Leben in verschiedenen Landschaftszonen


*(Between inhabited and uninhabitable – the human habitat in different landscape zones)*

Diese Auswahl an Broschüren ist im Rahmen des ersten Themas „Leben in verschiedenen Landschaftszonen“ im Erdkundeunterricht der Einführungsphase entstanden. Sie machen deutlich, warum wir den Lebensraum des tropischen Regenwaldes (z.B. in Costa Rica) schützen müssen. Die Schülerinnen und Schüler stellten sie im Unterricht in einem freien Vortrag auf Englisch vor





## Yousef Hashem:



# THE RAIN FOREST



## Reasons why YOU should visit the rainforest

- to see amazing and unique kinds of flora and fauna! 
- Kayaking! 
- experience wonderful nature like waterfalls
- take nice photos! 
- adrenaline! 
- learn something new every day!

## unique facts about the RAINFOREST

- rainforests are a natural climate solution (at least they could be)
- rainforests are home to more than half our planet's animal species
- rainforest plants are used for important medicine
- rainforests get at least 250cm of rain a year.
- 80% of flowers are not found anywhere else in the world
- rainforests only cover about 6% of land surface

## What YOU can do to save the RAINFORESTS!

- reduce your carbon footprint (read more: [blogs.ei.columbia.edu](http://blogs.ei.columbia.edu))
- spread awareness
- go to demonstrations such as FFF
- donate (e.g. on [rainforest-trust.org](http://rainforest-trust.org))
- sign petitions (e.g. on [www.change.org](http://www.change.org))



## The RAINFORESTS are in DANGER! here's why:

Climate change

↓

droughts

↓

trees die

↓

wild fires

animals lose their home

less oxygen for us to breathe

OPEN

ALSO: DEFORESTATION!

## The biggest & most popular rain forests:

- Amazon Rainforest (South America)
- Congo Rainforest (Africa)
- Valdivian Temperate Rainforest (South America)
- Daintree Rainforest (Australia)
- Southeast Asian Rainforest (Asia)
- Tongass National Forest (North Amer.)
- Kinabalu National Park (Malaysia)
- & many more!




**Go visit Costa Rica's tropical rainforest!**


**But why?**

Costa Rica is known for its **biodiversity**: this country is 7 times smaller than Germany but involves more species of plants and insects than are known to exist in the whole European continent.


70% of all plant species in the rainforest are trees: there are between 10,000 and 30,000 expected varied sorts of plants and amazingly enough about 3,500 different types of palms. You can consider all the trees which can grow up to 80m from a *treetop walkway* (picture below) which is 25m high.




Furthermore you can learn about a new lifestyle by booking a lodge with a gorgeous outlook.



But as you can see the lodges are located in the middle of nowhere, so how about an experience in the wilderness? You can explore the fauna and flora on your own: there are several hiking trails, so don't forget to take your hiking backpack and hiking boots with you.



You can find tropical rainforests near the Equator.




high temperatures

↓

evaporation takes place rapid

↓

frequent rainfall




**25m above**

- less CO<sub>2</sub> content
- highest biodiversity
- low humidity
- more evaporation
- lots of light
- warmer
- heavy rainfall
- big and high trees but not many

**The forest floor**

- way cooler but still hot (~25°C)
- the lower you are the higher the humidity
- the view is not very good from the bottom (high giant trees)
- 6 - 12m high trees
- the lower you are the higher the CO<sub>2</sub> content
- not much evaporation, dark and shady
- amount of trees per hectare (25 trees)

**Sabina's trip recommendation**



**The tropical rainforest in Costa Rica**

