





**Imagine a
forest.
What do
you see?**



Does this image fit your idea of a TRF?

Why? Why not?



Does this image fit your idea of a TRF?

Why? Why not?

A low-angle photograph of a tropical rainforest, looking up at tall trees with dense green foliage and sunlight filtering through the canopy. The image is framed by a thick black border.

TROPICAL RAINFOREST

K-W-L Chart

Topic: _____

What I **K**now

What I **W**ant to Know

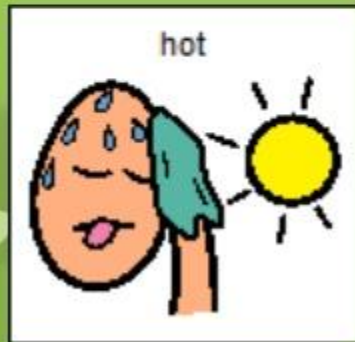
What I **L**earned

WHAT ARE RAINFORESTS?

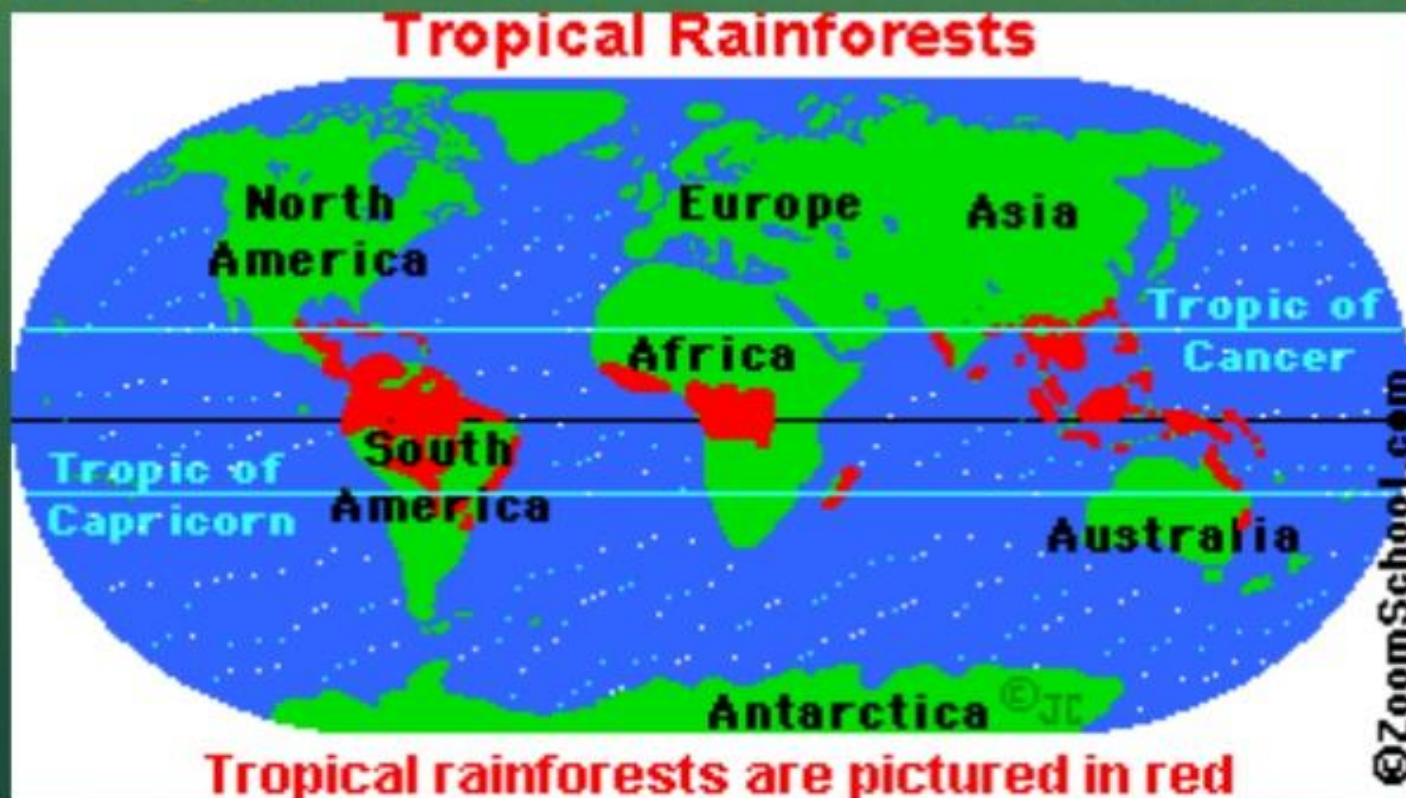


- Tropical rainforests are forests with tall trees, warm climates, and lots of rain. In some rainforests it rains more than one inch nearly every day of the year!
- Rainforests are found in Africa, Asia, Australia, and Central and South America. The largest rainforest in the world is the Amazon rainforest in South America.

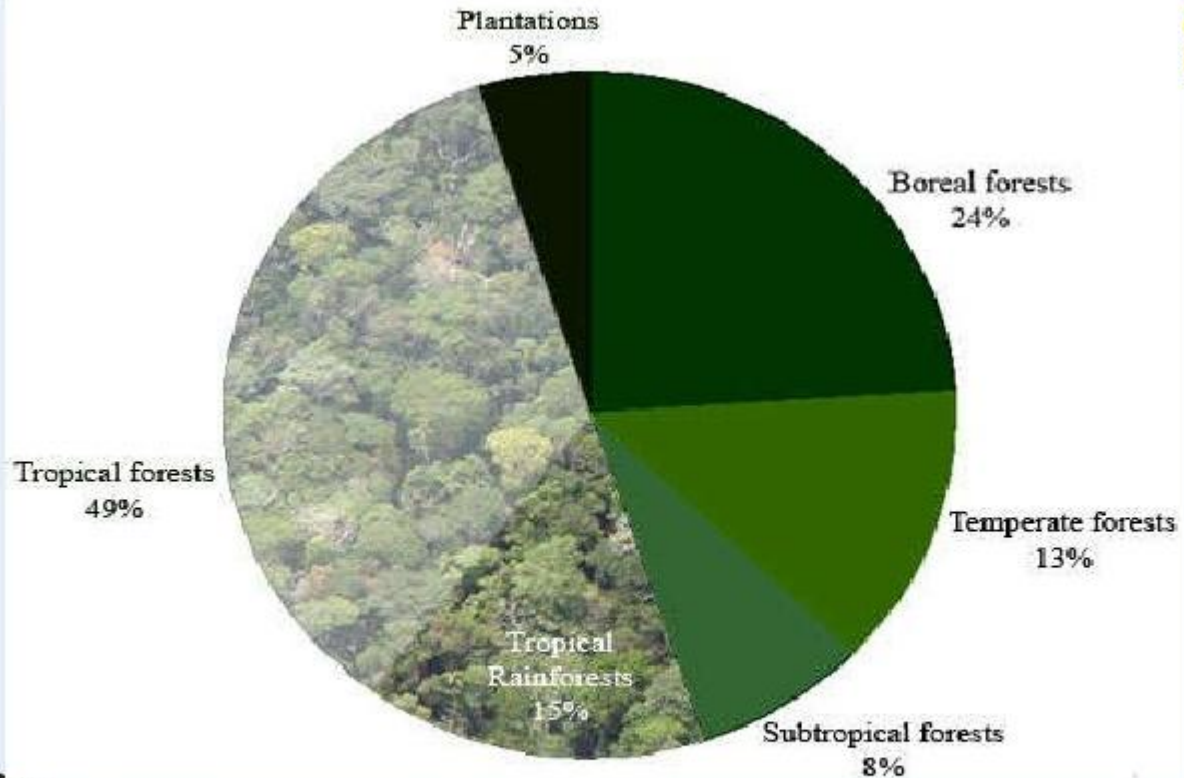
The temperature in the rainforest stays about the same all year long. Rainforests are the wettest land in the world. Some places get 32 inches a year.



Where are the rain forests?



World forest cover, 2000



N.p., n.d. Web. 17 Mar 2010.

[http://www.mongabay.com/images/rainforests/world_forest_cover_2000.j](http://www.mongabay.com/images/rainforests/world_forest_cover_2000.jpg)

pg.

THE AMAZON

"The Lungs of the Planet"

The Amazon is the biggest tropical rainforest in the world – covering 2.5 million square miles!

How big is that? As big as the 48 mainland US states!



The Amazon is called the "lungs" because it is our world's biggest supply of oxygen! More than 20% of all the oxygen is produced from this one forest!

Why are they important?

Many unique animals live there...



Tree Kangaroo



Pink River Dolphin!

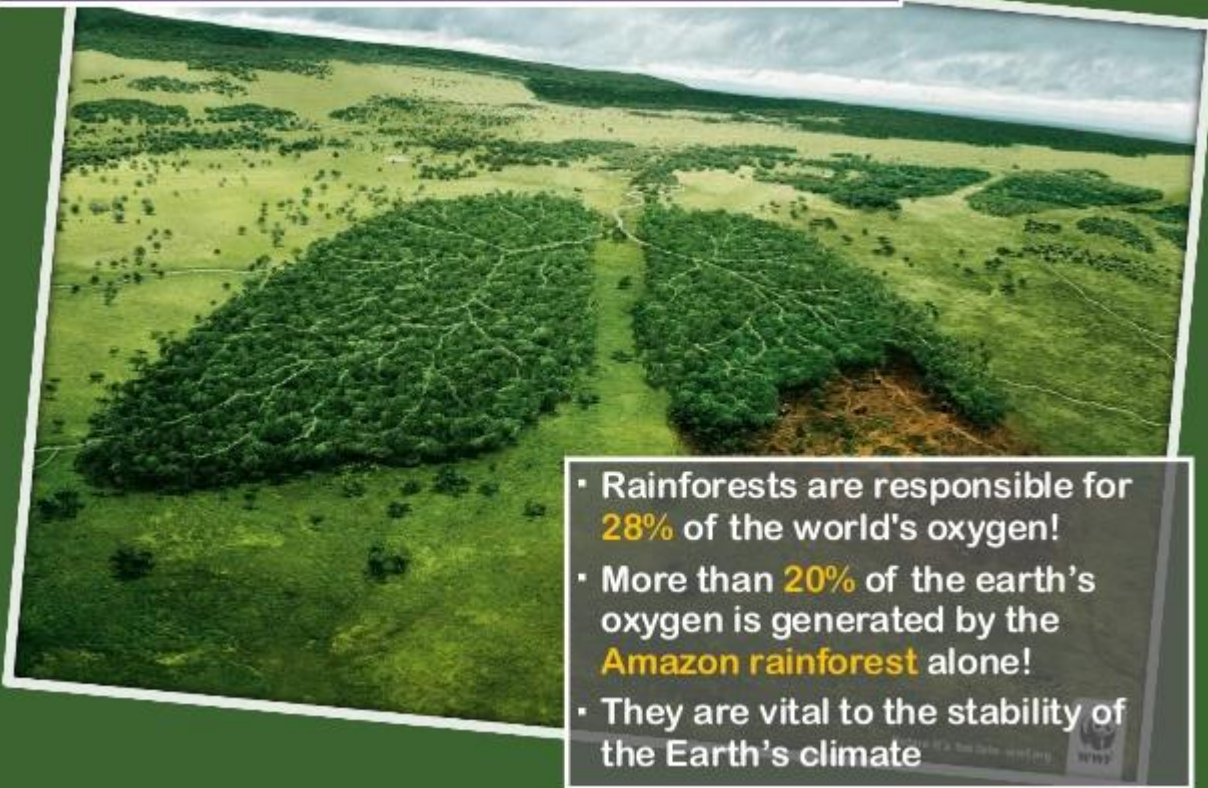
Giant Leaf Frog



Tapir



The Green Lungs of the Earth



- Rainforests are responsible for **28%** of the world's oxygen!
- More than **20%** of the earth's oxygen is generated by the **Amazon rainforest** alone!
- They are vital to the stability of the Earth's climate

Rainforests are very dense, warm, wet forests. They are heavens for millions of plants and animals.

Rainforests are important in the ecology of the Earth. The plants of the rainforest generate much of the Earth's oxygen. These plants are also very important to people in other ways; many are used in new drugs that fight illness.



Medicine



- Over 3000 species have been found to have cancer fighting properties in the Amazon!

Thousands of plants can be found there!
No other place on Earth has such rich BIODIVERSITY
(the range of plants and animals found in the area)



WHY ARE FAINFORESTS DESTROYED?



WHY ARE RAINFORESTS BEING DESTROYED?

Every year large areas of rainforest are cut down and destroyed. The plants and animals that used to live in these forests either die or must find a new forest to call their home. Why are rainforests being destroyed?

Humans destroy rainforest. Humans are cutting down rainforests for many reasons, including:

- wood for both furniture and wood for making fires;
- agriculture for both small and large farms;
- land for poor farmers who don't have anywhere else to live;
- road construction



WHY ARE RAINFORESTS IMPORTANT?

Rainforests are important to the global ecosystem.

Rainforests

- are a home to many plants and animals;
- help control the world's climate;
- are a source for medicines and foods;
- are an interesting place to visit



HOW CAN WE SAVE RAINFORESTS?

Rainforests are disappearing very quickly. The good news is that there are a lot of people who want to save rainforests. The bad news is that saving rainforests is not going to be easy. Many people should work together to help rainforests and their wildlife to survive.

What can we do to save rainforests?

We can

- create national parks
- teach people about the importance of the environment and how they can help save rainforests
- plant trees on land where forests have been cut down.



Rainforest CAFE




More than 3000 different fruits
Grow in the rainforests. Some of
them are:

Bananas
Oranges
Pineapples
Tangerines
Mangoes
Lemons
Papayas
Coconuts
Cacao
Camu
camu



Quiz



1. **What is the world's largest rainforest?**
 2. **What are 3 reasons why rainforests are important?**
 3. **What are 3 reasons why rainforests are being destroyed?**
 4. **Where are Rainforest located?**
 5. **How much do tropical rainforest cover from the world?**
 6. **List 3 mammals that live in the rainforest?**
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