

The page is framed by a decorative border of various autumn leaves and flowers in shades of green, yellow, orange, and red. The leaves have different shapes, some serrated and some smooth. There are also small clusters of orange flowers and a few green leaves.

# HOME

The Tranbu family used to live in a small village called Grandbu in a rural area surrounded by an immense forest of a million trees.

Just like their neighbours, they were growing their own food in their big gardens and the children liked to play together and to pick fruit from the woods. For generations, the Tranbu had grown up to live from the land in this place they call home.

One day, farmers from the big city of Kleles wanted to make more space to harvest grain to feed animals for their meat. They planned to cut down the million trees from the forest of Grandbu. However, the Grandbudians will not receive meat nor crops. The produce will be sent to another country, a richer country.

The villagers understood that their life would change forever. Now, they won't be able to gather fruit from the forest nor grow their own food.

The woodland, its million trees and its ecosystem wouldn't survive.

There was only one solution if the inhabitants of the village did not want to starve. They would have to leave home, and completely change their lifestyle.

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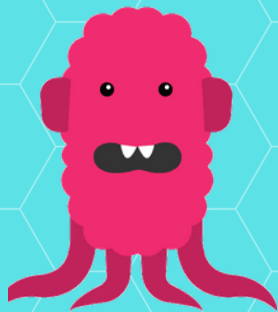
**CARBON  
DIOXYDE**



**NITROUS  
OXIDE**



**METHANE**



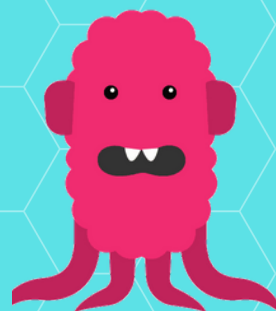
**CARBON  
DIOXYDE**



**NITROUS  
OXIDE**



**METHANE**



**I come out of your lungs when you exhale**

**I am the most common human-caused greenhouse gas that contributes to global warming**

**Forests can absorb me**

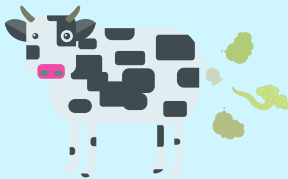


**Bacteria in the soil and in the ocean create me**

**I am the biggest threat for the ozone layer**



**I can trap a lot of heat in the atmosphere and increase the Earth's temperature**



**I come out of your lungs when you exhale**

**I am the most common human-caused greenhouse gas that contributes to global warming**

**Forests can absorb me**

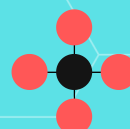
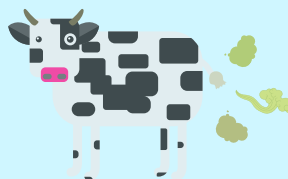


**Bacteria in the soil and in the ocean create me**

**I am the biggest threat for the ozone layer**



**I can trap a lot of heat in the atmosphere and increase the Earth's temperature**



# GREENHOUSE GAS #1

Identity card



**Name:** \_\_\_\_\_

**Causes:**

**1**

## TRANSPORTATION AND INDUSTRIES

Burning fossil fuels during the transportation and the making of crops and meat make me stronger.

**2**

## DEFORESTATION

Forests can absorb me and make oxygen. But deforestation and burning trees releases me.

FRONT

BACK

# GREENHOUSE GAS #2



Identity card

**Name:** \_\_\_\_\_

**Causes:**

**1**

## DECOMPOSITION OF WASTE

Waste management during farming  
allows me to live.

**2**

## CATTLE DIGESTION

This one may sound weird to you  
but I am made of cow's farts!  
During the digestion, the animal  
release me from both ends.

FRONT

BACK

# GREENHOUSE GAS #3



Identity card

**Name:** \_\_\_\_\_

**Causes:**

**1**

## **FERTILIZERS AND MANURE**

The use of fertilizers and manure  
create a chemical reaction with the  
bacteria in the soil.

**2**

## **TRANSPORTATION AND INDUSTRIES, TOO**

Trucks, planes! Look what you  
make me do to your planet.

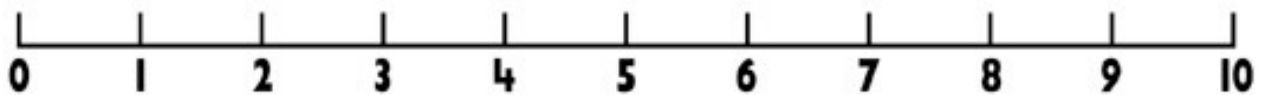
FRONT

BACK





**How important is it for you  
to look after the planet?**



NOT  
AT  
ALL

VERY

**What is a good way of  
reducing word hunger?**

**Cows farts increase the  
temperature of the Earth**

TRUE

FALSE

# What is the most important cause of climate change?

animal farming	deforestation
transportation	waste

**Greenhouse gases can cause  
global warming**



**Tell us about something you  
do for the planet**

**My favourite part of the day  
was...**



**My least favourite part of  
the day was...**

**Today I learned...**

**The change I will make for  
the planet in the future is...**

# QUIZ

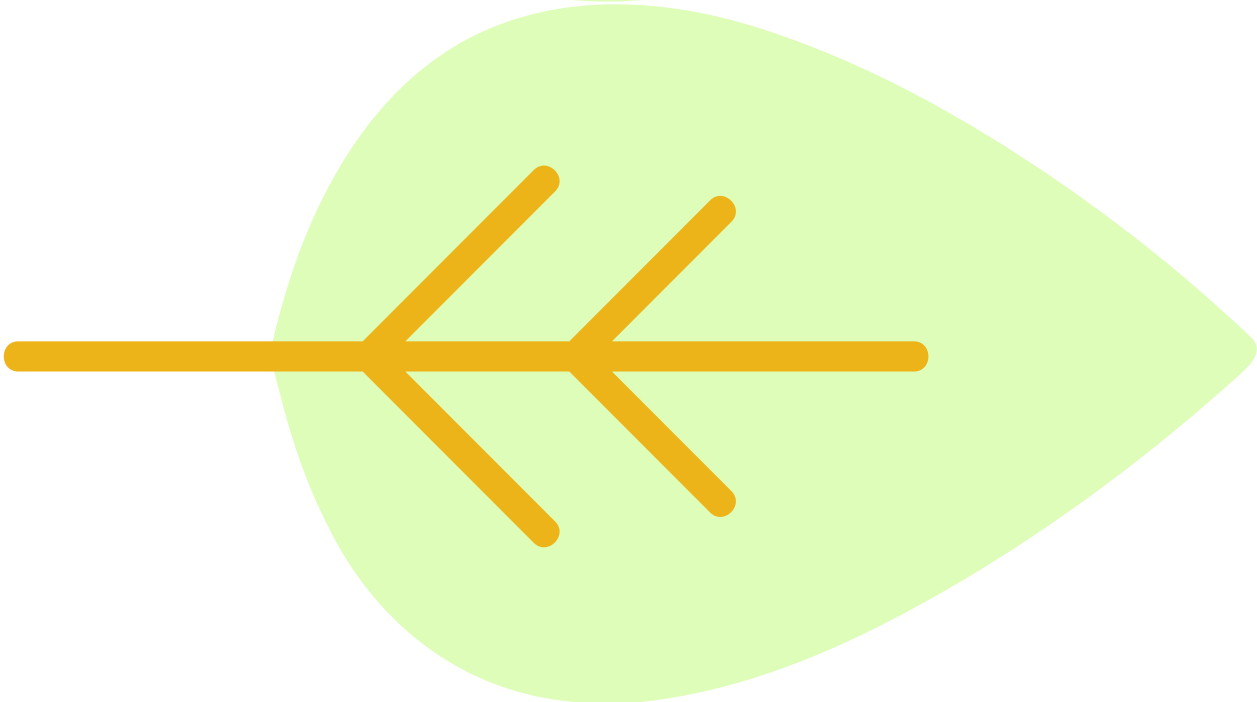
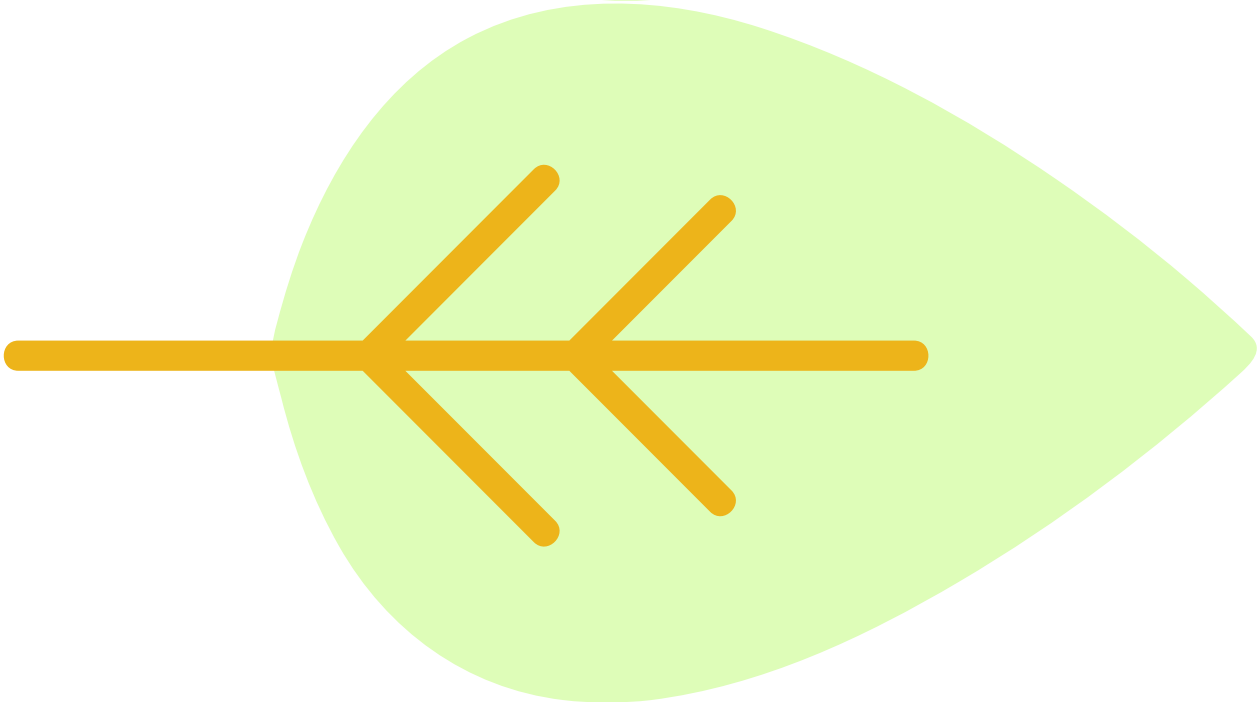
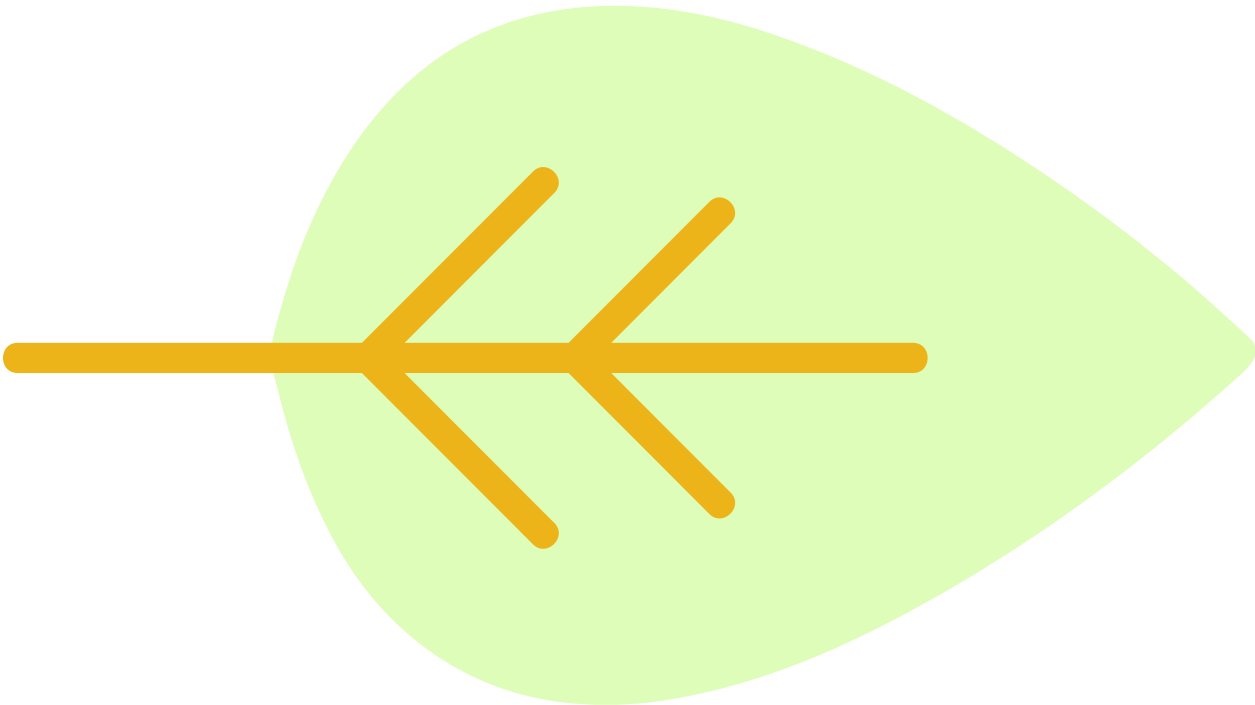
## WORKSHOP

My favourite part of the day was...

My least favourite part of the day was...

Today I learned...

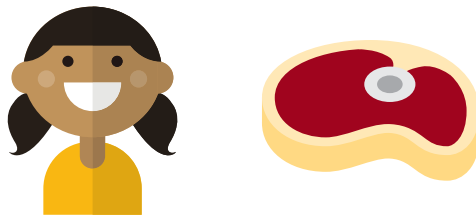
The change I will make for the planet in the future is...



# FOOD SUPPLY CHAIN

## FOR A BEEF STEAK THAT WEIGHS 1 KG

Let's find out what resources we need for 1 kg of beef.  
On average a cow provides 200 kg of meat.



To feed one girl with a 1 kg steak you need .....

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To feed ..... you need .....

.....

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To .....

you need .....

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