

Year 2

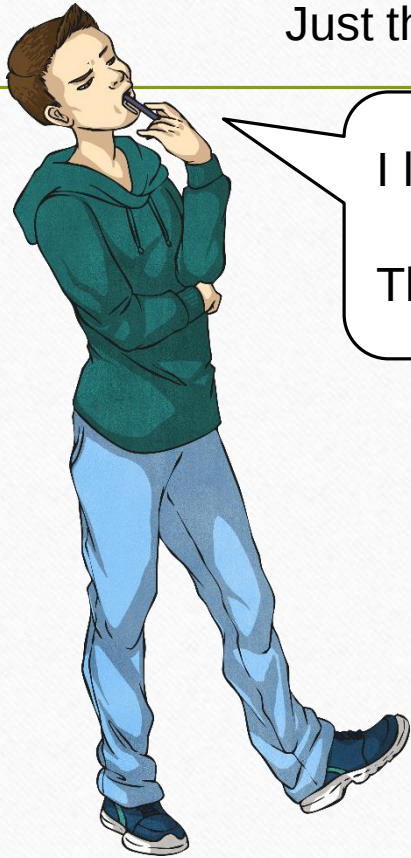
Art/DT

Wb- 15th June 2020

What Is Your Carbon Footprint?

Many of your daily activities require energy.

Just think about your morning routine - what is it?



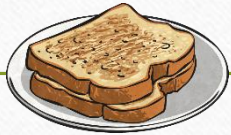
I like toast for breakfast with a glass of fresh orange juice.
Then, my Mum drives me to school.

My alarm clock rings at 7am. I get up and take a shower, then brush my teeth. I have a new electric toothbrush!



What Is Your Carbon Footprint?

Even these simple things we take for granted require energy.



Toast - made with an electric toaster.



Alarm clock - uses batteries.



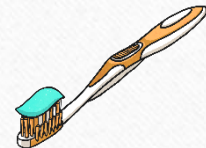
Orange juice - made with oranges grown in Spain.



Shower - gas used to heat the water.



Car - runs on fossil fuel.



Electric toothbrush - uses electricity to charge up.

The energy needed for these simple routines produces a gas called carbon dioxide. This is known as a 'greenhouse' gas because it traps heat, causing the Earth to warm up. The more carbon dioxide is released into the atmosphere, the worse it is for the environment.

What Is Your Carbon Footprint?

The amount of carbon you produce as a result of your daily activities is known as your **carbon footprint**.

Everything we do has an impact on the environment.

If we made small changes to our daily routine, we could **reduce** our **carbon footprint** and have a **positive** effect on the environment.



What small changes could you make?



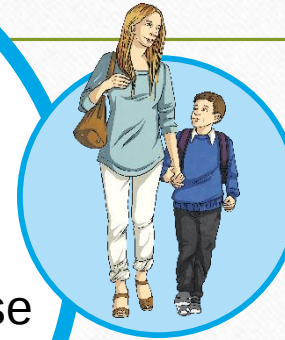
Take public transport!

If more people use buses and trains, they use less fuel per person, meaning less carbon dioxide produced!



Go for a walk!

You will feel better for the fresh air and get some exercise at the same time.



Travel

Can you be an active traveller?

How would each of these suggestions reduce your carbon footprint?



Does your school have bike or scooter racks?

If so, use your own energy to get to school and reduce your **carbon footprint**!



Do you really need to drive?

If the answer is yes, try car sharing. That way you can still reduce the amount of carbon dioxide you produce.

Carbon emissions contribute to climate change, which can have serious consequences for humans, animals and the environment.

TASK: Research one endangered animal of Australia, and **create a pattern of their footprints.**
You could do a gradient of dark to light foot print to show the animal is close to extinction.
So we must look after our environment.

Footprint examples:

