





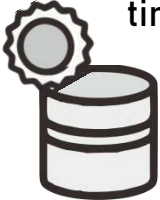

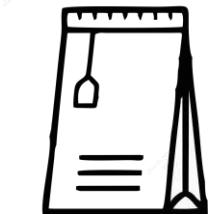
Carbon Footprints and Climate Change (碳足跡和氣候變遷)

🌍 What is Carbon Footprint? (找找碳足跡)

What is Carbon Footprint?



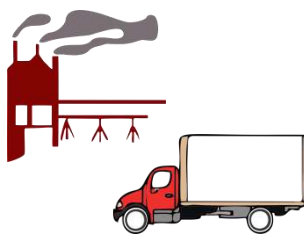

Class: _____ Number: _____ Name: _____

1. The pros and cons of different packaging

Types of Packaging	Pros	Cons	
<p>tea bag</p> 			
<p>tin can</p> 			
<p>foil pouch</p> 			
<p>paper pouch</p> 			

2. Short Video – What is Carbon Footprint? – Environmental Science for Kids

- Carbon foot print: the total amount of _____ and _____ you release into the environment by consuming energy.
- How many energy units does using paper need?

<p>a plant grow into tree</p> 	<p>chop down the tree</p> 	<p>transport to the mill</p> 	<p>create paper in the mill</p> 
<p>_____ unit(s)</p>	<p>_____ unit(s)</p>	<p>_____ unit(s)</p>	<p>_____ unit(s)</p>
<p>a total of _____ units</p>			

- Write T (True) or F (False) to each blanks.
 1. ___ Throwing your books into the dustbin can save energy.
 2. ___ Taking a car adds to your carbon footprint.
 3. ___ Switch off a light when you leave home can reduce your carbon footprint.

3. How much CO2 do you produce inside your home?

places	item	number	places	item	number
salon	console		laundry	dryer	
	wifi			vacuum cleaner	
	stereo			iron	
	TV			washing machine	
kitchen	oven		bedroom	smartphone	
	microwave			alarm clock	
	toaster		bathroom	hair remover	
	dishwasher			hair dryer	
fridge (1)	red meat		office	razor	
	white meat			heater	
	cereals		garage	computer	
	cheese			printer	
	fruit		garage	moped	
	legumes			car	
	pasta			bicycle	
	fish		other vehicles	motorcycle	
	rice			plane	
	eggs			train	
vegetables		bus			
			metro		

➤ My CO₂ emission is _____ kg.

The average CO₂ emission of our class is _____ kg.

➤ Assignments:

Think of 3 ways to reduce your carbon footprint in daily life:

1. _____

2. _____

3. _____

Try to put these ideas into practice for a week. We will talk about the changes you've made in the next session.