



Recycle for a clean future

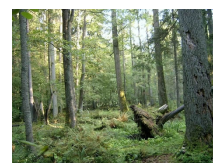
How do we mess?

- We buy food and drinks and we consider their receptacles as trash (cans, containers, packages, bags...)
- We think that all material is only for one use (plastic, metal, paper, wood, glass...)
- We don't think that everything comes from nature (trees, oil, minerals)
- We need energy to produce more products and contamination is bigger



So, why recycling?

- When we recycle, used materials are converted into new products, reducing the need to consume natural resources.
- If used materials are not recycled, new products are made by extracting fresh, raw material from the Earth, through mining and forestry.
- Recycling helps to conserve important raw materials and protects natural habitats for the future.



Recycle saves energy

Using recycled materials in the manufacturing process uses considerably less energy than that required for producing new products from raw materials – even when comparing all associated costs including transport, etc.



Recycling helps protect the environment

Recycling reduces the need for extracting (mining, quarrying and logging), refining and processing raw materials all of which create substantial air and water pollution.

Current UK recycling is estimated to save more than 18 million tons of CO₂ a year: the equivalent to taking 5 million cars off the road.



Recycling reduces landfill



When we recycle, recyclable materials are reprocessed into new products, and as a result, the amount of rubbish sent to landfill sites reduces.



There are over 9,000 landfill sites in Spain. These sites produced lots of emissions of methane, a powerful greenhouse gas. They are dangerous and can produce forest fire.

And what is worse: more of them are illegal

What exactly is "waste"?

Simply speaking, waste is anything discarded, rejected, abandoned, or otherwise released into the environment in a manner (or quantity) that could have an impact on that environment.

Reasons to recycle in Spain

The cost of collection and disposal of one ton of garbage is between 30 and 36 € in Spain.

In Spain each year are thrown away over 300,000 tons of metal. This is a waste of material.

If recycled glass saves 44% energy and 1 ton recycled saves 1.2 tons of raw materials.

Recycling two tons of plastic is equivalent to saving a ton of oil.

We need 4 tons of bauxite for one ton of aluminum. During the manufacture = two tons of highly polluting and difficult to remove.

By recycling one ton of paper saves 17 trees.

Did you know it?

Recycling is an excellent way of saving energy and conserving the environment. Did you know that:

- 1 recycled tin can would save enough energy to power a television for 3 hours.
- 1 recycled glass bottle would save enough energy to power a computer for 25 minutes.
- 1 recycled plastic bottle would save enough energy to power a 60-watt light bulb for 3 hours.



Recycling for a better future and a clean planet. Remember: The Earth is our home

VOCABULARY:



TRUE OR FALSE:

1. A newspaper is for only one use
2. We need energy to produce new products.
3. If we save energy we save money.
4. Plastic comes from oil.
5. 100 Kg of garbage collection and disposal costs about 35 €
6. We should not recycle the wastes we throw.
7. Landfills are not good by smell and pollution.

CALCULATE:

The number of plastic bags that all pupils in your class use if they go shopping four days a week and they need three bags each time.