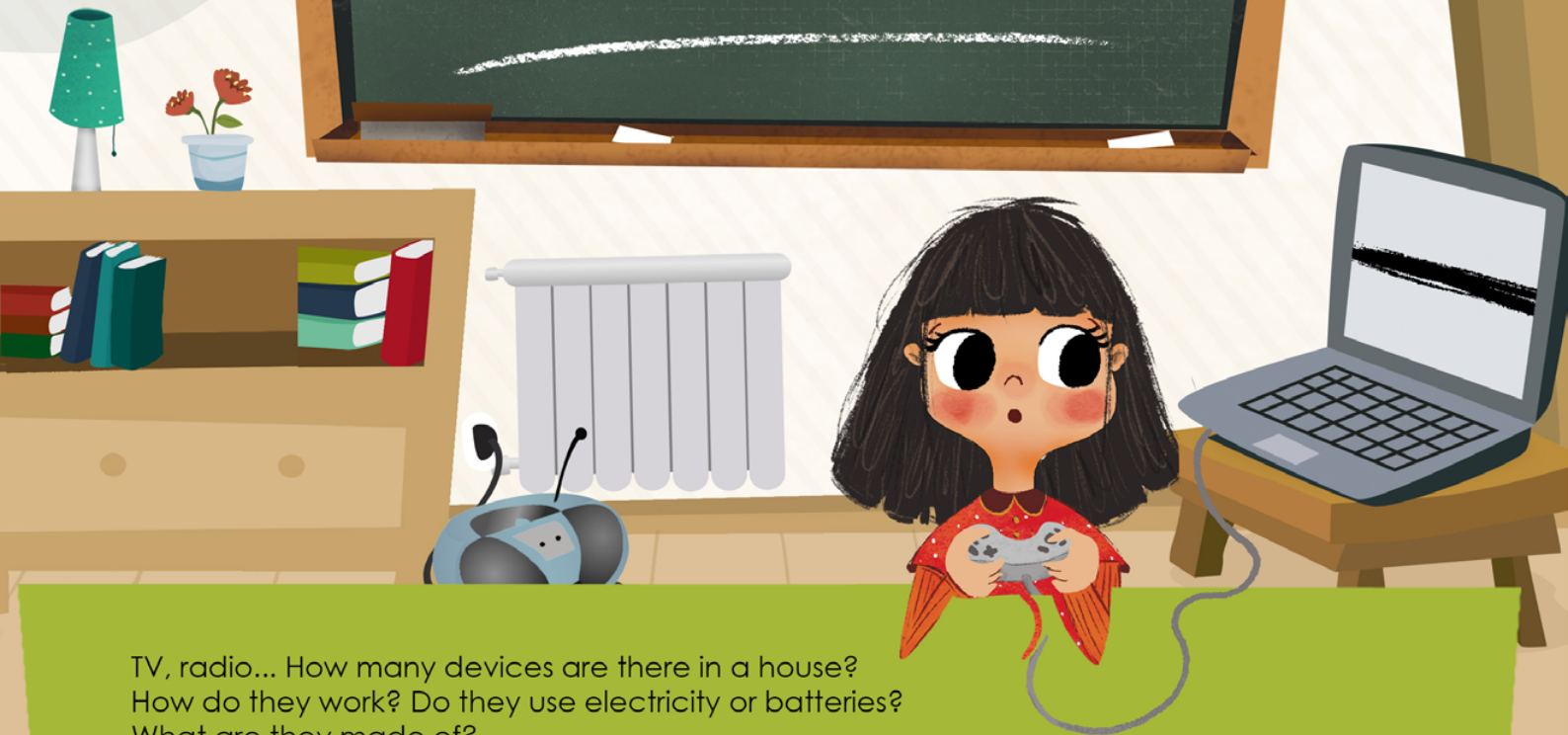


CONNECTED



TV, radio... How many devices are there in a house?
How do they work? Do they use electricity or batteries?
What are they made of?

All these devices help us in many tasks. But they also create new problems/issues. Sooner or later they stop working. Forever. What can we do then? Every day, we generate millions of tons of this kind of waste. Where can we take a fridge that cannot be fixed?

Imagine a line of garbage trucks along 15,000 km. Each one carries 40 tons of waste (TVs, computers, washing machines ...). That is the amount of machine waste that we will produce this year in the entire world.

All municipalities have a clean point. There, the neighbors take the waste that cannot be deposited in the containers placed in the streets. Pay attention to this list:

Household Hazardous Waste: insecticide cans, used oil, paint and varnish ...

Bulky waste: furniture, mattresses ...

"white goods" waste: washing machines, fridges...

"brown goods" waste: tv, computer, game console ...

Construction waste

Where is the Clean Point in your city?

*Do you know the expression "planned obsolescence"?
Search online. Explain briefly what it means.*





Do you have mobile phone? For some years, in Spain there are more mobile phones than inhabitants. Are you surprised by this information?

Many phones are thrown into the dustbin. That causes a lot of pollution problems. Almost all parts of a mobile phone can be recycled.

Their materials will be useful to make new phones or other objects.

A mobile phone has plastic in its case. Inside, it is made of plates and circuits. By separating these parts, we can get different metals.

For example: aluminum, copper, tin or zinc.

Do you know that there is even gold inside a mobile? For every 5 tons of mobiles we get a gram of gold.

There are specific containers to throw mobile phones. Do you know how many of them are there in your town or city? Do you know where the nearest one is placed?



RECYCLE
YOUR
PHONE

BE
GREEN

CON TU VIEJO MÓVIL
PUEDES CAMBIAR VIDAS

Construye el paisaje de tu móvil en un gesto verde



OXFAM Intermón

Usually, there are solidarity campaigns for mobile phones collection. Some associations collect old devices. Then, they sell them and use the money to help someone or some cause. Do you know any of these campaigns?



DID YOU KNOW...?

Some essential minerals in mobile phone manufacture are very scarce and expensive. These minerals are found in mines in Africa. The United Nations claims that this causes wars in those countries. In addition, some people even force children to work in the mines. They are practically slaves. Besides, many forests and jungles where animals such as chimpanzees and gorillas live are destroyed because of this. For example, this happens in the Congo. Researcher Jane Goodall works there. Have you heard of her or her work?



Find out on the Internet.
Let's see what you can tell us about
the Congo and Jane Goodall.
In English, of course!



Do you use batteries?

How many battery - powered devices do you have at home? Think about it. There are many objects that use disposable batteries: watches, toys, flashlights, calculators ...Every year, we throw millions of batteries. You have to be responsible in doing so.

What are batteries made of?
Choose the correct option:

- Mainly plastic
- Precious metals. They contain nickel, cadmium, lead, mercury or silver. A lot of energy is needed to extract these metals from the earth and process them.
- The same material as a can. I can throw them into the generic green container.

Why is recycling batteries important?
Choose the correct option:

- Recycling batteries saves energy
- The recycling process separates the valuable metals. These metals are sold and used to make new products
- This prevents the abuse of extracting minerals from the earth
- Recycling reduces CO2 emissions. It helps us to combat climate change.
- A single battery has dangerous and polluting metals inside. They are poisonous to humans, plants and animals.
- All options are correct

Is it a good idea to open a battery to know how it works? No, it's a very bad idea! Inside it there are hazardous materials. Do you know that a single battery that falls into a river contaminates thousands of liters of water? Usually, in the same store where you buy batteries there are special containers for used batteries. In Galicia there are more than 1500 collection points where you can throw your batteries correctly.



www.ecopilas.es

Where is the nearest battery container?

Because of this, batteries must be deposited in special containers. Usually, in the stores where you can buy batteries or in other shopping centers there are containers for batteries.

- Do you know where your nearest battery container is? Remember to take used batteries always there.
- Can you give examples of devices that work with batteries?

Look at the map. Now talk with your partner. Where are you?

What is the easiest way to go to the clean point?

Ask him how to get to the green glass container.

Is the blue container for cardboard near the supermarket?

Is the yellow container in front of the cinema?

