Where do our wastes go?
Hassan learns about his wastes and 3R
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Where do our wastes go?

Hassan! Please take the wastes to the container!

I don’t like throwing away the wastes. Why do we create so much wastes everyday anyway?
Where do our wastes go?

That's a good question. With the economic development, the waste amount continue to increase. In Tiznit, about 54 tons of waste is created per day.

Wow! That’s a lot! But where do all these wastes go to?

That’s another good question. These wastes go to “disposal sites” where they are landfilled.

Disposal sites??
Learn more about: **Disposal Sites**

**Q. How much wastes do Moroccans generate?**  
A. The amount of waste generated in urban areas of Morocco is 5 million tons per year or 0.76kg of waste per person a day. With the development in economy and population, the amount is continuing to grow.

**Q. Where do all these wastes go to?**  
A. The wastes go to disposal sites where they are landfilled. Because uncontrolled disposal sites can create environmental pollution, the Moroccan government plans to close all these uncontrolled disposal sites and to construct sanitary disposal sites.

![Uncontrolled disposal site](image1) ![Sanitary disposal site](image2)

**Activity:**  
Learn where the disposal site in your city is located.  
Note: If you want to visit the site, you should first talk with your family or teacher. You should not visit the disposal site alone.
But taking wastes to the disposal sites won’t make them disappear. The amount of wastes in the disposal sites will continue to increase.

Oh my gosh!
What should we do!?

I learned in school that that’s why we need to reduce wastes through 3R!

What? What’s 3R?
I’ll explain. Let’s see what we have in our wastes.

What are you doing!? Stop!
First, we should “reduce” the wastes. Look at these food wastes.

I bought those carrots at the market because they were so cheap!

We bought more foods than we can consume. We should avoid this to reduce wastes.

Let’s sort these and give them to the animals.
Second, you should “reuse”. You see these plastic bottles? They can be given or sold to put things like water or olive oil.

Let’s give them away to be reused.

You can also give your used clothes to those who need them.

Or other things like used toys or books.
Third, you should “recycle”. Let’s sort these metal cans so that they can be recycled. These cans can be recycled to become other metal products.

Recycle means that materials are changed into another form.

Oh, I heard that my shoes are made from recycled plastics!
Learn more about: 3R

Q. What is 3R? How can I participate?

A. 3R means Reduce, Reuse, and Recycle.

1. Reduce is to make choices when you buy things so that they don’t become wastes. What you can do:
   - Buy only the quantity you need
   - Refuse plastic bags at shops if you don’t need them
   - Choose drinks in returnable glass bottles instead of plastic bottles

2. Reuse is to use products again in the same form. What you can do:
   - Reuse plastic bottles for putting water, olive oil, etc.
   - Give your old clothes or toys to others to be reused
   - Reuse glass bottles for putting spices, jam, etc.
Where do our wastes go?

3. **Recycle** is to change the form of materials so that they can be used again. What you can do:
   - Check what you can sort for recycling in your city and cooperate in sorting

   **Examples of recycle**

   ![Diagram showing examples of recycle: Used plastic bottles to Clothes, new plastic bottles; Used metal cans to New metal cans, parts for cars; Used magazines, cardboard boxes to Newspaper, New cardboard box.]

   **Activity:**

   Think about ways you can participate in 3R.
   Hint: You may already have been conducting them.
Where do our wastes go?

Wow! Our wastes reduced so much by 3R!

There is a saying: “wastes if mixed, resources if sorted”. We not only reduced wastes but we also created new resources!
Since the waste amount became so little, I think I’ll just put it outside.

No!!

What? Why?
Where do our wastes go?

If everyone throws away wastes anywhere, the city will smell terrible and we may have flies everywhere! It may also cause diseases!

What!? Wastes create diseases!?

Plus, it will ruin this beautiful city. Everyone should throw away wastes in the right manner.
Where do our wastes go?

Learn more about: **Throwing away wastes**

**Q. How should we throw away our wastes?**

A. Rules are different for each area, sometimes even in the same city. Some methods to throw away wastes are:

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Put them in front of the door of your house</td>
</tr>
<tr>
<td>2.</td>
<td>Put them in plastic containers</td>
</tr>
<tr>
<td>3.</td>
<td>Put them in metal containers</td>
</tr>
<tr>
<td>4.</td>
<td>Put them in designated spots</td>
</tr>
</tbody>
</table>

**Q. What happens if we don’t respect these rules?**

A. It will create black spots which will cause bad smell and ruin the view of the city. In addition, it may increase pests such as flies and rats which can spread certain diseases.

**Activity:**

Ask your family or teacher about the rules regarding throwing away wastes in your neighborhood.
Okay, so I’ll try to reduce wastes with 3R, and if I still have wastes, I’ll throw them away in the right way.

3R
Reduce
Reuse
Recycle

Let’s keep our neighborhoods clean!