

## Recycling process of plastics (Part 3)



We **buy** and **use** many different types of **plastic** for our **homes** such as this *bleach* (lejía) **container**. Many of the \_\_\_\_\_ we **use** at **home** and **school** \_\_\_\_\_.



When **plastic** containers \_\_\_\_\_ the **plastic** **can be used** to **make** new **products**, **conserving** \_\_\_\_\_ and \_\_\_\_\_.



Let's **watch** the **process** of how \_\_\_\_\_ **plastic** it's **made** into new **products**.



The **things** you **recycle** are **picked up** (recogidas) from **home** or **school** by **recycling** **truck** (camiones) and **brought** to a \_\_\_\_\_ (instalación de transferencia) or a \_\_\_\_\_ (instalación).



When the **recyclables** **arrived** at the **transfer** **station** they're all \_\_\_\_\_ together so **everything** **has** to **be sorted** (ordenado).



**Plastic** **is** \_\_\_\_\_ from the *glass*, *aluminum* and *paper* at some **facilities** (instalaciones). **People** **working** on a **sort line** (línea de separado) **separate** each type of **plastic** \_\_\_\_\_ (a mano) and **toss** (lanza) it into **large** **steel** **cages** (jaulas) called \_\_\_\_\_ (depósitos).



When a **bunker** **is** full of **clear** **plastic** **bottles**, for instance, they're **released** (lanzados) onto a **conveyor belt** (cinta transportadora) that **leads** (conduce) to a \_\_\_\_\_ (embaladora). A **machine** that **can** \_\_\_\_\_ thousands of **bottles** into a **single** **block** or **bale** (bala).



**Can** you \_\_\_\_\_ what type of **bottles** **are going** into the **baler** (bala)? It's number one (**PETE** (1)), mostly **water** and **soda** **bottles**. A \_\_\_\_\_ of number one **bottles** **weighs** (pesa) about **1,500** **pounds** (680 Kg).



The same **process** **happens** (pasa) with **plastic** mark number two (**HDPE** (2)). The \_\_\_\_\_ **is sold** (vendida) and **transported** to **companies** that will **make** new **products**.



## Recycling Plastic Quiz

1. What is the <b>purpose</b> of recycling plastic?	<ul style="list-style-type: none"> <li>a) To conserve natural resources and energy</li> <li>b) To make new products</li> <li>c) To reduce waste</li> <li>d) All of the above</li> </ul>
2. How <b>are</b> recyclables <b>collected</b> from homes and schools?	<ul style="list-style-type: none"> <li>a) By recycling truck</li> <li>b) By garbage truck</li> <li>c) By mail</li> <li>d) By hand</li> </ul>
3. What <b>happens</b> to the recyclables at the transfer station (estación, planta transformadora)?	<ul style="list-style-type: none"> <li>a) They are sorted (ordenado)</li> <li>b) They are compacted into bales</li> <li>c) They are sent to landfill (basureros)</li> <li>d) They are recycled immediately</li> </ul>
4. How <b>are</b> different types of plastic <b>separated</b> at the recycling facility (planta de reciclaje)?	<ul style="list-style-type: none"> <li>a) By hand</li> <li>b) By machine</li> <li>c) By melting (fundiéndolos) them together</li> <li>d) By burning (quemándolos) them</li> </ul>
5. What <b>are</b> the large <b>steel</b> cages ('jaulas') <b>called</b> where the <b>separated</b> plastic is placed?	<ul style="list-style-type: none"> <li>a) Bunkers</li> <li>b) Depots</li> <li>c) Containers</li> <li>d) Tanks</li> </ul>
6. What <b>happens</b> to the plastic bottles once a bunker (depósitos) is full?	<ul style="list-style-type: none"> <li>a) They are sent to landfill</li> <li>b) They are melted down</li> <li>c) They are released onto a conveyor belt (cinta transportadora)</li> <li>d) They are compacted into bales</li> </ul>
7. Which type of plastic bottles are commonly <b>baled</b> (embalado, empaquetado) and <b>sold</b> (vendido)?	<ul style="list-style-type: none"> <li>a) Number one (PETE)</li> <li>b) Number two (HDPE)</li> <li>c) Number three (PVC)</li> <li>d) Number four (LDPE)</li> </ul>
8. Approximately how much does a bale (bala, 'paquete compactado') of number one bottles <b>weigh</b> ?	<ul style="list-style-type: none"> <li>a) 500 pounds (227 Kg)</li> <li>b) 1,000 pounds (454 Kg)</li> <li>c) 1,500 pounds (680 Kg)</li> <li>d) 2,000 pounds (907 Kg)</li> </ul>
9. What <b>happens</b> to the <b>baled</b> plastic after it is sold?	<ul style="list-style-type: none"> <li>a) It is transported to companies that make new products</li> <li>b) It is incinerated</li> <li>c) It is buried in a landfill</li> <li>d) It is reused without any processing</li> </ul>
10. What is the <b>benefit</b> of recycling plastic?	<ul style="list-style-type: none"> <li>a) Conserving natural resources and energy</li> <li>b) Reducing waste</li> <li>c) Creating new job opportunities</li> <li>d) All of the above</li> </ul>