From oil to plastic. (Part 4)

Remanufacturing companies.



Now **you may be wondering** (preguntando) how a _____ _____ **gets made using** _____ _____.



The **remanufacturing company purchases** (compra) **recycled plastic** so the **resources** (recursos) that **went** into **making it** (que fueron a hacerlo) _____. First the **bales** (balas) _____ apart and _____ into different **colors**. A **high-speed sorter** (separadores) **uses** a **beam** (haz) of **light passing** through the **plastic** to **determine** whether (si) it's **blue**, **green** or **clear**.



After **sorting** (ordenar), the **bottles are** _____ (destrozadas), **washed** (lavadas), **dried** (secadas), _____ (empaquetadas) and **transported** to the **manufacturer**.



When **manufacturers use recycled plastic**, **resources** _____. **Products** such as **fiber for carpet** (alfombras) and **clothing** (ropa) **can be made** from _____ and **soda bottles**. **Recycled HDPE** (2) or number two **bottles go** through the same **process**.



The _____ **is** _____ (destrozadas) and **washed** to **remove** (eliminar) **labels** (etiquetas). The **plastic flakes** (copos) **are dry**. The **dried flakes** (copos) _____ and **dyes** (colorantes) **are added** to **make** different **color pellets**. Here **you can see** how **blue recycle pellets are used to make** new **detergent bottles**.



Even **plastic bags**, which _____ at most **grocery** (comestibles) **stores**, **can be used to make products** such as this **plastic lumber** (maderas) **used** for **decks** (mostradores). The **plastic shells** (revestimiento) of **old computers can be ground up** (molidos), _____ into **pellets** and **made** into **things** like **ski boots** or new **computer casings** (cubiertas).



Remember, **plastic is made** from _____ and when **plastic is thrown away** (tirado) the _____ and **energy** that **went** into **make it** *in the first place* **are going to waste** (desperdicios).

When **you recycle plastic you're** _____ (ahorrando) those **resources** so if **you** don't **need it** don't **buy it**. If **you do**, _____ **it** If **you can**, then **recycle it**.



It's up to **us** (Depende de nosotros) to **use** _____ wisely (sabiamente).



LIVEWORKSHEETS

Recycling Plastic Quiz	
1. What does a remanufacturing company do with recycled plastic?	a) Sell it to other companies b) Reuse the resources that went into making it c) Dispose of it in landfills d) Burn it for energy
2. How does a high-speed sorter determine the color of the plastic?	a) By using a beam of light b) By smelling the plastic c) By tasting the plastic d) By weighing the plastic
3. What happens to the bottles after they are sorted?	a) They are washed and dried b) They are bagged and transported to the manufacturer c) They are shredded and recycled into new bottles d) They are thrown away as waste
4. What can be made from recycled plastic bottles?	a) Fiber for carpet and clothing b) New plastic bottles c) Paper products d) Metal products
5. What process do HDPE (2) bottles go through?	a) Sorting and shredding b) Washing and drying c) Melting and dyeing d) Bagging and transporting
6. How are labels removed from recycled plastic?	a) They are shredded b) They are washed c) They are melted d) They are peeled off
7. What is done to the dried plastic flakes?	a) They are bagged and transported b) They are melted and dyed c) They are shredded and recycled d) They are thrown away as waste
8. What can be made from blue recycle pellets?	a) New detergent bottles b) Plastic lumber for decks c) Ski boots d) Computer casings
9. What can be made from recycled plastic bags?	a) Carpet and clothing b) New plastic bottles c) Plastic lumber for decks d) Ski boots
10. What happens to the plastic shells of old computers?	a) They are thrown away as waste b) They are recycled into new computers c) They are ground up and made into new products d) They are burned for energy

LIVEWORKSHEETS