

# LESSON: PLASTIC CYCLE

## Activity 2: A Closer Look at Plastic

### SUPPLEMENTARY SHEET

### PART 1: WHERE DOES PLASTIC COME FROM?

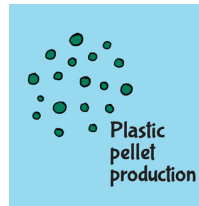
#### STEP 1: Raw Material:

Oil is taken by drilling into the ground. After going through a series of chemical processes, it becomes a liquid that is then cooled and chopped up into small pieces of plastic that are the same shape and size. They are called plastic pellets (or nurdles). These are covered in step 2!



#### STEP 2: Plastic Pellet Production:

Plastic pellets are uniform (they are all the same shape and size). These plastic pellets (or nurdles) are the building blocks of new plastic products. They are melted down and molded into different shapes depending on what they are being turned into.



#### STEP 3: Plastic Product Made in Factory

After plastic pellets are transformed into a new product, do you think they are immediately shipped to stores to sell? There is actually a step before this happens that you might not know about. Before we can buy a product from a store, it is an empty container that is sent to another factory to be filled with the product we're going to purchase.



#### STEP 4: Plastic Product Sold in Stores

This is the final step! Plastic is used to hold many products from shampoo to water to juice to toothpaste. The empty container is sent to another factory and filled with the final product then shipped to stores for us to purchase and use. **Try to list some plastic products that you buy in plastic containers.**

