



Feb 16-5:30 PM

Product - something that is made from something else

Natural resources - a material that occurs in nature without human influence (an earth made material that humans use)

Process - to convert (change) something from one form to another

Feb 25-9:37 AM

Lab Activity
Investigating How Materials Are Processed

- Observe the images on the cards. What do they show?
 - Put the cards in order to show the stages of production and process from raw material to finished product.
 - Compare your results with your classmates and discuss the production processes.
 - In your Science Notebook, explain how the bread and the aluminum can are manufactured. You can make a list, draw a diagram, or write a paragraph.
- Look at the Products: Origin and Destination chart in your Science Notebook. Look at the first example, a sheet of paper. Where do you think it comes from and how is it processed?
 - Fill in the next two items on the chart—the pencil and the shirt.
 - Discuss with your classmates where you think pencils and shirts come from.
 - Choose two other products you know and include them on the chart. Fill in all the columns. Consider what you do with an object when you are done using it.

Feb 16-5:30 PM

Page 24

Product	What is it made of?	Where does it come from?	Where does it go after it is used?
sheet of paper	wood from trees	forest	trash or recycling
pencil	graphite wood	rocks under ground forest	throw them away
shirt	cotton polyester	plant in fields coal, water, air, petroleum (oil)	- donate - hand me downs - sell them - use for something else - throw them away

Feb 25-7:53 AM

Talk among your table

- Think of a product (something that is made from something else), write in on page 24.
- Record what you think it was made of.
Plastic(petroleum),Metal(ore), Wood (trees) etc....
- What environment does it come from?
- Where does it go after it is used?

Nov 7-7:08 AM

page 25

- What did the activities in this lesson help you understand about the process of how raw materials become products?
I learned that processing means there are many steps needed to make something. All products are made from natural resources.
- How would you revise your prediction (from page 22)? What would you add or change?
All products are made from natural resources.

Feb 25-8:43 AM

page 26

1. Name three products and the natural resources used to create them. (Think of products that are not already in your chart.)

Example: The classroom table is made of metal, wood, and plastic. The plastic is made from petroleum/oil.

2. Explain what it means when a food has been processed.
(a tomato from your garden is unprocessed)

(macaroni from the store has been processed)

Processed food means that it has been changed somehow to make it ready to sell in the store or ready to eat.

Feb 27-9:43 AM