

Grade 7 Science **Where do Our Finished Products Come From?**

Name: _____ Class: _____ Date: _____

All things that we use are called finished or Manufactured Products. They are made often of many parts and some are very specialized (think of your phone or a large TV).

All of our finished materials and products come originally from nature. They are harvested or mined or gathered. They come in three different categories: Mineral (from the ground and abiotic); vegetable (from growing plants) and animal (from animals or their byproducts). All these are called **RAW MATERIALS**. These things are taken and purified or processed to make things that are called **PROCESSED MATERIALS**. These things are further processed or changed to create things that are useful to people called **FINISHED PRODUCTS**.

Often we do not consider where something comes from but all things come from other things. Here is a list of things that you are to categorize as Mineral Vegetable or Animal. Put each finished product in the correct category.

LEATHER	GOLD	WOOL	CLAY	MARBLE	SILK
FIREWOOD	ALUMINUM	SAND		CORK	COTTON

MINERAL	VEGETABLE	ANIMAL

For each of the following finished products, identify the processed material that it is from and then the raw material that the processed material came from.

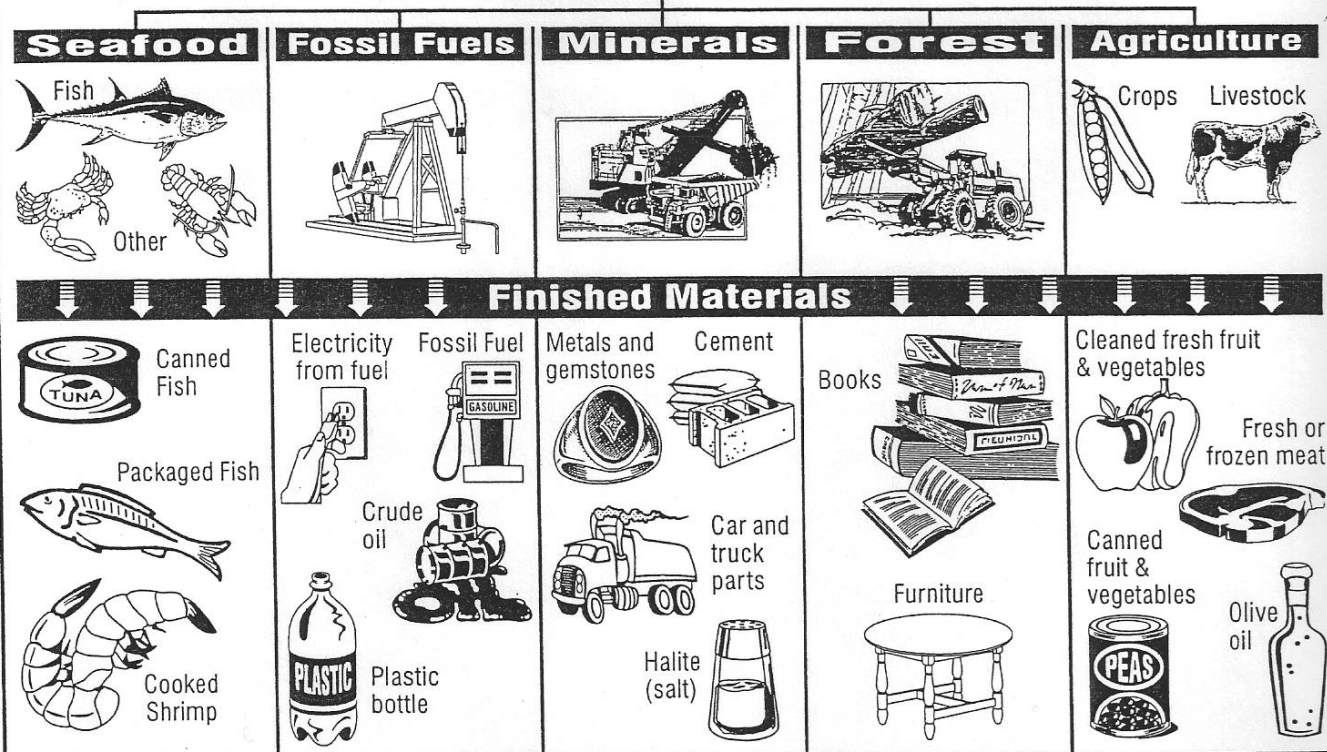
Glass bottle	Pop can	Pasta	Crocs (the shoes)
Plastic bag		Candle	

Raw Material	Processed Material	Finished Product

***From Raw Materials to
Finished Materials (page 19)***

Knowledge / Skills (understanding of basic concepts)		
50 - 59%	1	shows understanding of few of the basic concepts; demonstrates significant misconceptions; gives explanations showing limited understanding of the concepts
60 - 69%	2	shows understanding of some of the basic concepts; demonstrates minor misconceptions; gives partial explanations
70 - 79%	3	shows understanding of most basic concepts; demonstrates no significant misconceptions; usually gives complete or nearly complete explanations
80 - 100%	4	shows understanding of all of the basic concepts; demonstrates no misconceptions; always gives complete explanations

Raw Materials



Instructions: Place the following finished materials under the correct category (seafood / fossil fuels / minerals / forest / agriculture). List of finished materials: ☐ anchovies, ☐ cement, ☐ cheese, ☐ clay brick, ☐ coal, ☐ copper wire, ☐ cotton socks, ☐ crab, ☐ crude oil, ☐ french fries, ☐ gasoline, ☐ glass, ☐ gold ring, ☐ halibut, ☐ hamburger bun, ☐ hamburger meat, ☐ hockey stick, ☐ jet fuel, ☐ ketchup, ☐ leather coat, ☐ lettuce, ☐ limestone, ☐ lobster, ☐ lumber, ☐ mahogany door, ☐ maple bookshelf, ☐ natural gas, ☐ newspaper, ☐ nylon shirt, ☐ oak chair, ☐ pine table, ☐ plywood, ☐ rubber tire, ☐ salmon, ☐ salt, ☐ sardines, ☐ sea bass, ☐ shrimp, ☐ silver coin, ☐ turpentine.

[illegible]