

# Natural or Man-made?

A Compare and Contrast Book



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Trees give us yummy apples but also help us build houses. One of these is natural, the other man-made. Can you identify the natural resource? In this edition of The Compare and Contrast Book series, we investigate common items around us and how natural materials are made into tools, toys, and even electricity. After exploring dozens of photos, readers will be a pro at identifying ways we use natural resources from plants, animals, and elements below the Earth's surface.

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The *For Creative Minds* includes

- Simple Changes to Food
- Match the Natural Resource to the Food
- What Came From Rocks and Minerals?
- What Came From Trees?

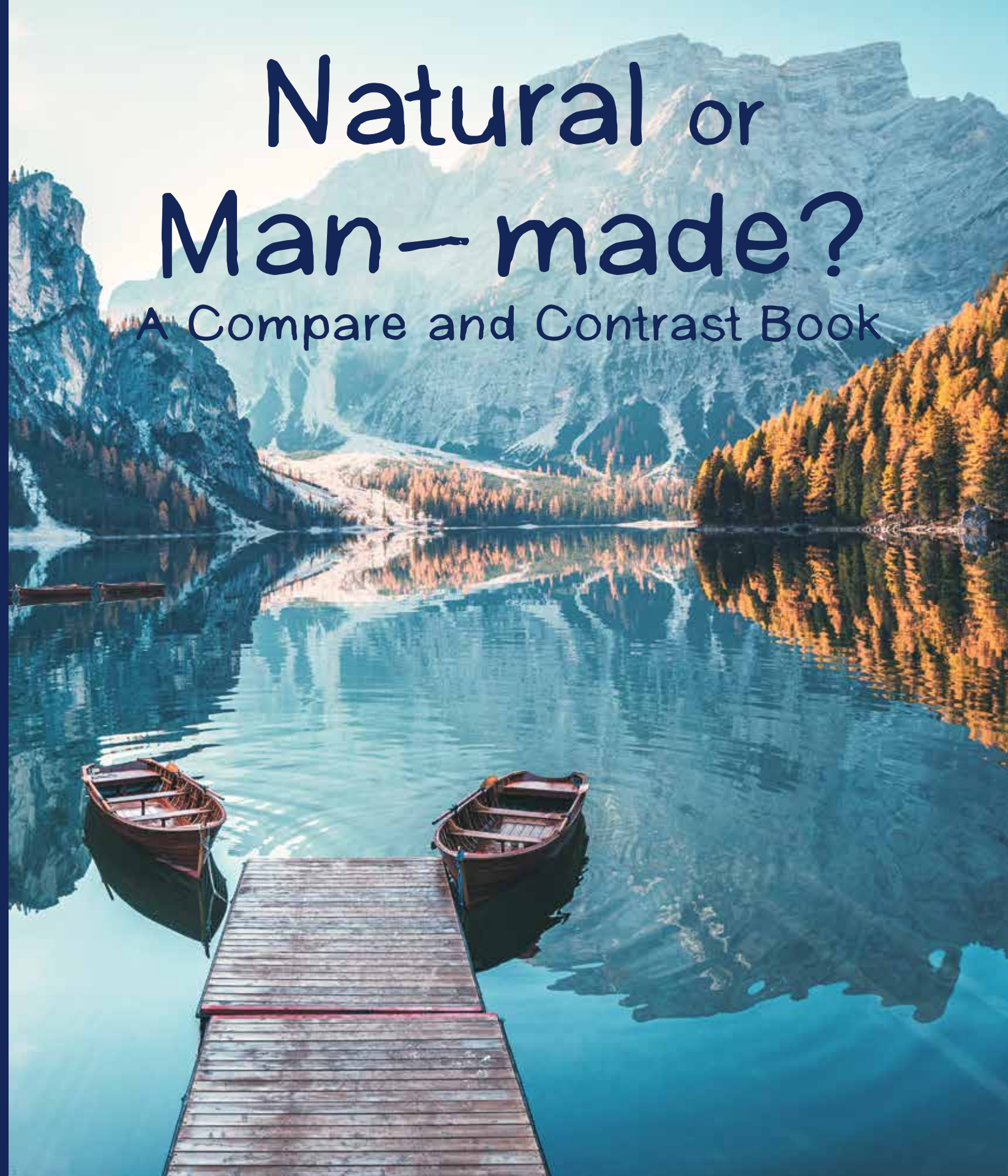
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Thanks to Chip Lindsey, Senior Director of Education at the Children's Museum of Pittsburgh, for verifying the accuracy of the information in this book.

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Everything around us either comes from nature or is man-made.

The things that come from the Earth are called natural resources. These are all things that can exist without humans' help. Plants, animals, sunlight, air, water, soil, oil, natural gas, rocks, and minerals are natural resources.



We use natural resources to make things we need or want. We can combine different natural resources or change them to meet our needs. All of these things are made by people. They are man-made.



A lot of our food comes from **plants**.

Some foods can be eaten just as they grow—naturally.

Food can be changed by cutting, heating, cooling, or combining with different food items.





Trees are plants. We use trees to make things we need in many different ways.

We use lumber from pine trees to build houses.

Lumber from other types of trees (like cherry, oak, or mahogany) may be used to make furniture or some of the toys you play with.

We eat nuts and fruits that grow naturally on trees.

Maple and rubber trees are tapped so that the sap drips into buckets. We use the sap to make maple syrup and rubber.

Even paper and pencils come from trees!

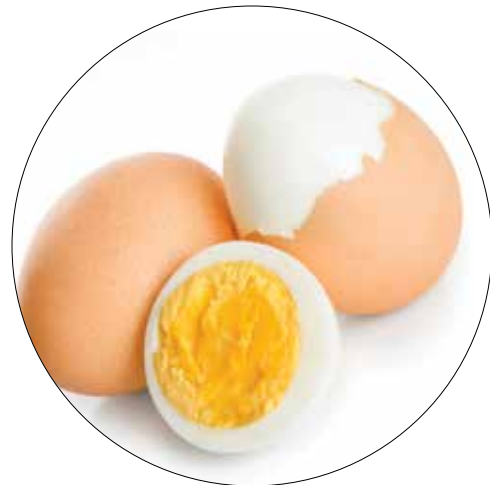
# For Creative Minds

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Visit [www.ArbordalePublishing.com](http://www.ArbordalePublishing.com) to explore additional resources.

## Simple Changes to Food

Sometimes changing natural resources to fit our needs is as simple as washing and cutting, chopping, or blending. After we have changed the shape, we might use as is, cook, or freeze. Can you identify how we use these natural resources?



hard-boiled eggs



tomato slices



strawberry popsicle



grapes



cucumbers



fish

As is: tomato slices (sliced), cucumbers (sliced), grapes (can also be frozen)

Cooking: hard-boiled egg (cooked, peeled & cut), fish (cut and cooked)

Freezing: strawberry popsicle (blended and frozen), grapes (cleaned and frozen)

## Match the Natural Resource to the Food



corn



wheat



cow

Sometimes it's easy to tell what things are made from which natural resources. Other times, there have been so many changes made that it's hard to tell.

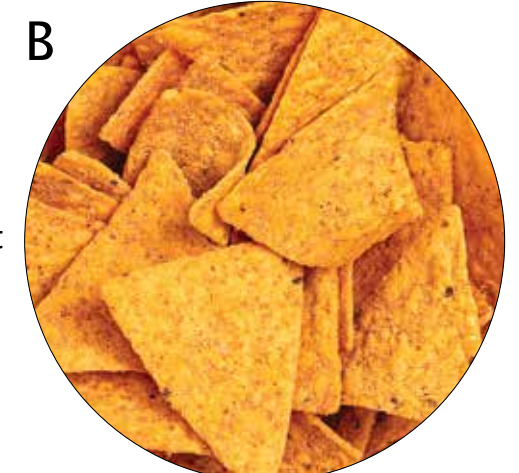
We eat corn on the cob and popcorn. What are some other foods made from corn?

We eat a lot of food made from flour ground from wheat. Almost any cereal or cracker has wheat in it. What are some other things made with wheat?

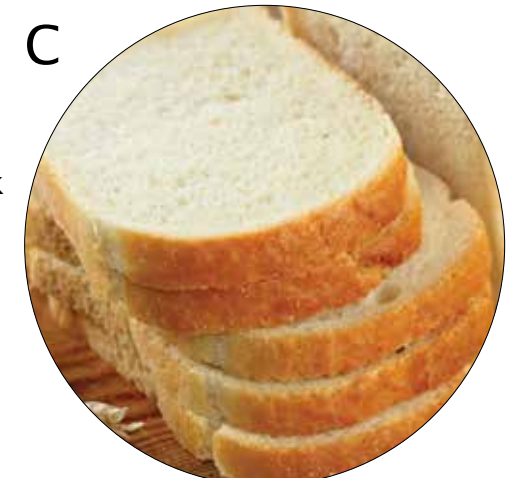
Cows give us meat (beef) and clothing (leather). Most of the dairy we eat and drink also comes from cows. In addition to milk, butter, and cheese, what other dairy products do we eat?



ice cream



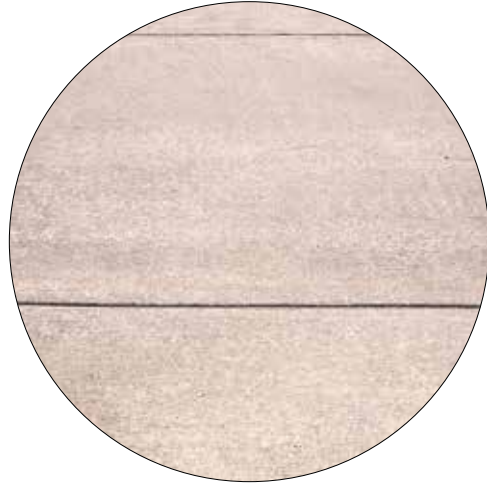
tortilla chips



bread

Answer: 1 corn: B tortilla chips; 2 wheat: C bread; 3 cow: A. ice cream

## What Came From Rocks and Minerals?



concrete sidewalk



diamond ring



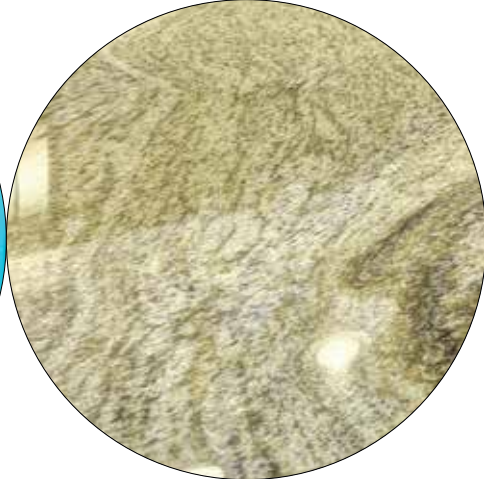
apples



building



cotton cloth



kitchen counter



aluminum cans



stone bridge



glass

Answer: everything except the apples and cotton cloth

## What Came From Trees?



maple syrup



pencils



wooden puzzle



house frame



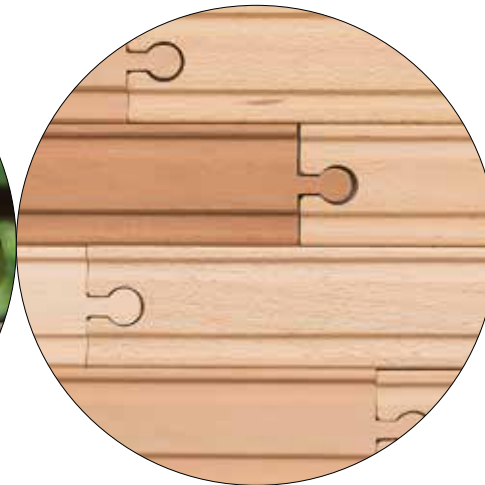
rubber bands



walnuts



oranges



toy train tracks



books (paper)

Answer: everything



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#### Bibliography

"Aluminum | Minerals Education Coalition." Minerals Education Coalition, 2016, [mineralseducationcoalition.org/minerals-database/aluminum/](http://mineralseducationcoalition.org/minerals-database/aluminum/). Accessed March 2021

Chisholm, Kirk. "144 Products Made from Petroleum and Some That May Shock You." Innovative Advisory Group, 27 Jan. 2015, [www.innovativewealth.com/inflation-monitor/what-products-made-from-petroleum-outside-of-gasoline/](http://www.innovativewealth.com/inflation-monitor/what-products-made-from-petroleum-outside-of-gasoline/).

Common Types of Stones Used in Construction. 17 Apr. 2016, [constructionheadline.com /type-stone-construction](http://constructionheadline.com/type-stone-construction). Accessed November 2020.

Oil and Natural Gas Reserves: Availability, Extraction and Use Video. "Oil and Natural Gas Reserves: Availability, Extraction and Use - Environment & Ecology Class (Video) | Study.com." Study.com, 2021, [study.com/academy/lesson/oil-and-natural-gas-reserves-availability-extraction-and-use.html#transcriptHeader](http://study.com/academy/lesson/oil-and-natural-gas-reserves-availability-extraction-and-use.html#transcriptHeader). Accessed November 2020.

"What Are 4 Types of Soil?" Garden Guides, [www.gardenguides.com/94506-4-types-soil.html](http://www.gardenguides.com/94506-4-types-soil.html). Accessed November 2020

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