

Radka Píro & Anastasiia Moshina

# WHAT THINGS COME FROM NATURE?



Albatros



### What do forests give us?

Books, apples, and colored pencils. We're able to enjoy and use all these things, thanks to trees, their fruit, and their wood. Take a look around. How many wooden things do you see?



Look beneath the flap



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PAPER

FURNITURE



KITCHEN  
UTENSILS

MUSICAL  
INSTRUMENTS



Find out what we're sourcing  
from the nature around us



WHY ARE FORESTS IMPORTANT FOR US?

Forests cover a huge portion of the Earth's continents, but no forest looks exactly alike, be it a coniferous, broad-leaved, tropical, or taiga forest. And they give us more than just wood. So what else do forests do?



THEY REDUCE DUST AND POLLUTION IN THE AIR.



THEY'RE A HOME TO MANY DIFFERENT ANIMALS AND PLANTS.



TREES PRODUCE THE OXYGEN WE BREATHE.



THEIR ROOTS KEEP THE SOIL IN PLACE.



THEY'RE A PLACE WHERE YOU CAN PLAY AND SPEND YOUR FREE TIME.



THEY STABILIZE THE WEATHER SO THAT IT'S MILD.



WHAT CAN WE MAKE OUT OF WOOD?



picture frames



toys



tree forts



colored pencils



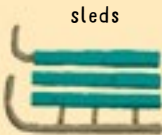
ladders



coat hangers



bird feeders



sleds



doors



tool handles



boats



wood flooring



easels

HOW LONG DOES A TREE LIVE?

Every species differs. At any rate, a tree's natural lifespan is much longer than a human's. So how is a tree's development different from yours?

When a person's life nears its end, an oak tree is just about reaching adulthood. Only then can it be felled, processed, and made into something.

early life	10 days	5 years	10 years	40 years	100 years

WHERE DOES COCOA COME FROM?

We make it from cocoa beans, which grow on trees in tropical regions. After harvesting, cocoa beans are turned into cocoa powder, which you can use to make a cup of hot cocoa or chocolate. Yummy!



WAIT, DO RAIN BOOTS GROW ON TREES?

Well, not exactly, but we do make them out of the sap produced by a tree called the rubber tree. It's this sap that's essential for such rubber products as rubber erasers, tires, air balloons, and rubber shoes.





## What do fields give us?

What did you eat today? Baked goods, something sweet, or pasta perhaps? Without cereals, sugar beet, and other plants that are grown in fields, we most likely couldn't produce any of this stuff.





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### BAKED GOODS



### TEXTILES



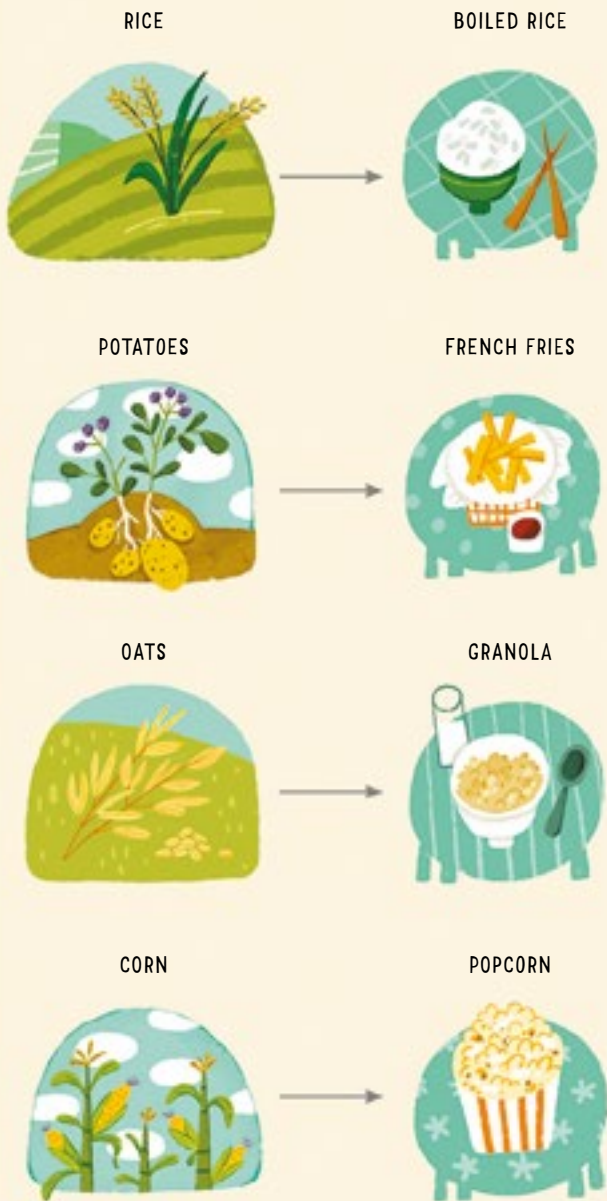
### SWEETS





**DO YOU KNOW WHERE THIS FOOD COMES FROM?**

Fields need to be regularly ploughed and farmed. Each little plant that grows in a field has to be planted so that it has enough room to grow. After some time passes, it's harvested by machines.



potato chips

pasta

cornflakes

poppy seed cake

sunflower oil

tea

potato dumplings

spinach

lentils

mustard & ketchup

**WHAT ELSE CAN WE MAKE OUT OF THE CROPS WE GROW IN FIELDS, GARDENS, OR ON PLANTATIONS?**

**WHAT'S A PLANTATION?**

Plantations are vast pieces of land where crops of a single species are grown. Most plantations can be found in the tropics. Typical crops include rice, strawberries, pineapple, gardening plants, or tea plants to make tea.



**HOW IS BREAD MADE?**

To make bread, the most important thing you need to have is enough flour, plus a bit of water. Flour is made from cereals, most often wheat.



Combine harvesters pick the plants from fields. In a mill, cereal grains are cleaned, mixed, and then ground into flour. And get this—each wheat grain could be planted in the ground to make a whole new wheat plant!



**WHERE DOES SUGAR COME FROM?**



Cane straws or beet roots contain sweet juice that can be pressed out of them.

When you boil this juice, all the water evaporates until only a thick syrup is left. Let the syrup crystallize and you end up with sugar!



**WHAT ARE CLOTHES MADE OUT OF?**

The T-shirt you're wearing right now may have been made from the fleecy capsules of cotton plants. But how does cotton fuzz turn into clothing?



After harvesting, tufts of cotton must be cleaned, combed out, and spun. The finished yarn is then woven, dyed, and cut into T-shirts, jeans, tablecloths, curtains, handkerchiefs, carpets, or canvases.

Cotton can also be turned into a kind of paper that's more durable than the kind made from wood. That's why we use it to make paper money, which is passed from one person to another and doesn't tear easily. The soft part of the swabs you use to clean your ears is also made from cotton.

BE CAREFUL!





# WHAT THINGS COME FROM NATURE?



Text by Radka Píro  
Illustrations by Anastasiia Moshina

Have you ever wondered how many of the things around us come from nature? There are so many things, including wooden furniture, metal utensils, beeswax, and bread. We rarely—if ever—think about how difficult all this was to make. How long did a tree grow before it became the chair you're now sitting on? How did a cow's milk turn into the ice cream that cools you off in summertime? This book will show you which materials go into making the stuff we use in our everyday lives. Look beneath the flaps and find out what we're sourcing from the natural world around us.



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WARNING:  
Choking hazard.  
Not suitable for  
children under  
36 months.

