



*A. Helmerová*

**DO YOU KNOW HOW THINGS ARE MADE?**

*O. Růžička*



*How the internet  
AND ITS CONTENT*

**ARE  
made**



CAN YOU TELL  
ME THE WIFI  
PASSWORD?



*How the  
**MONEY**  
IS PRODUCED*



*How to make  
A COMPUTER  
**GAME***

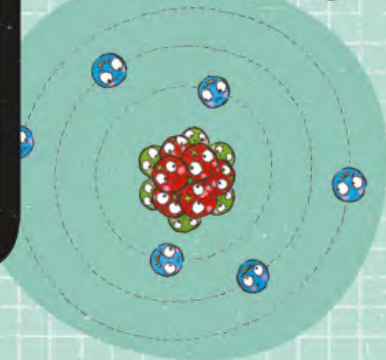


*O. Růžička, A. Helmerová*

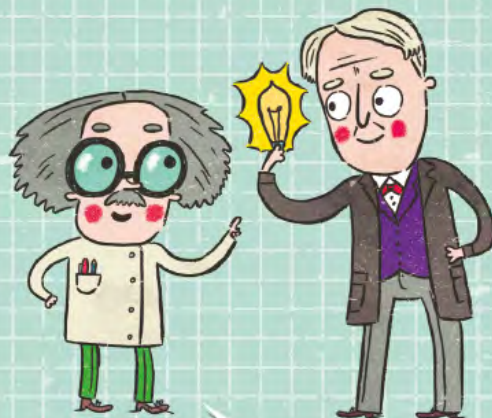
**DO YOU  
KNOW HOW**

**THINGS ARE MADE?**

**HOW  
electricity  
IS PRODUCED**



**HOW  
TO MAKE  
a car**



EDISON,  
WHAT A BRIGHT  
IDEA!

**HOW TO  
make  
A BUILDING**



**B4U PUBLISHING**



# DO YOU KNOW HOW MONEY IS MADE?



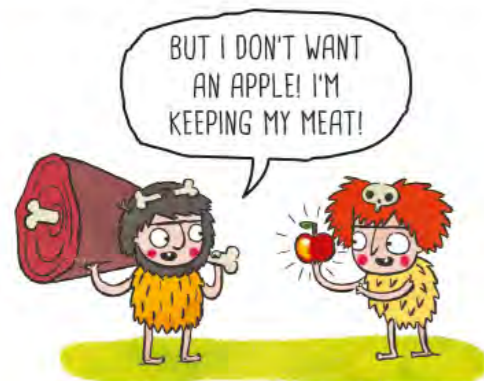
## EXCHANGE

Let us go back to the distant past. Way back when, money didn't exist; if someone wanted something, they had to exchange something of the same value for it.



## COUNTERTRADE

Someone wishing to make an exchange first had to find someone to make that exchange with. And for the exchange to happen, both had to want what the other was offering.



## MEDIUM OF EXCHANGE

As the exchange was sometimes complicated, people invented a special medium for it. This currency was an object everyone respected and for which they were willing to exchange their goods. In Europe, for instance, pieces of cloth were used, while in China, beautiful, shiny kauri mussels were used as currency.



## PRECIOUS METALS

By and by, people began to use precious metals as currency. Silver and gold were beautiful and shiny, too, plus they were valuable.



## GRAINS OF GOLD

To begin with, nuggets of gold and silver were used. A given item would cost a certain number of nuggets of gold or silver.



## MINTER

From the counting of nuggets of silver and gold, it was but a small step to the first coins. These were made by a person known as a minter. The value of a coin was equivalent to the amount of precious metal it was made from.



## COINS

Today's coins are minted on machines, often adorned with a likeness of a monarch.



## BANKNOTES

The banknote first saw the light of day in China, roughly a thousand years ago. Banknotes then spread to the rest of the world. Although they were made of paper, the holder could still exchange them in a bank for the equivalent amount of gold.

**A Good REPUTATION** IS MORE valuable

than **MONEY**

*A latin proverb*



## MONEY TODAY

We use banknotes to this day, although we can no longer exchange them in banks for lumps of gold. Today's banknotes are based in confidence in the economy of the state that produces them. People are given banknotes in payment for work they have done.

**COME WITH US**

TO FIND OUT HOW PAPER MONEY (THE BANKNOTE) IS MADE AND ABOUT ALL THAT HAPPENS TO IT BEFORE IT REACHES OUR WALLETS.

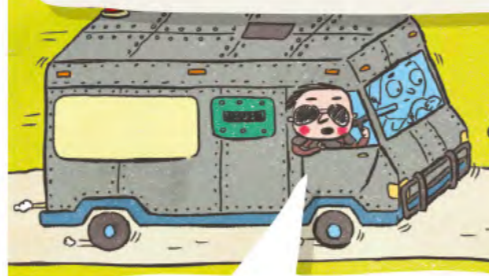




# HOW MONEY IS MADE



Come on in, I'll show you how money is **designed**.

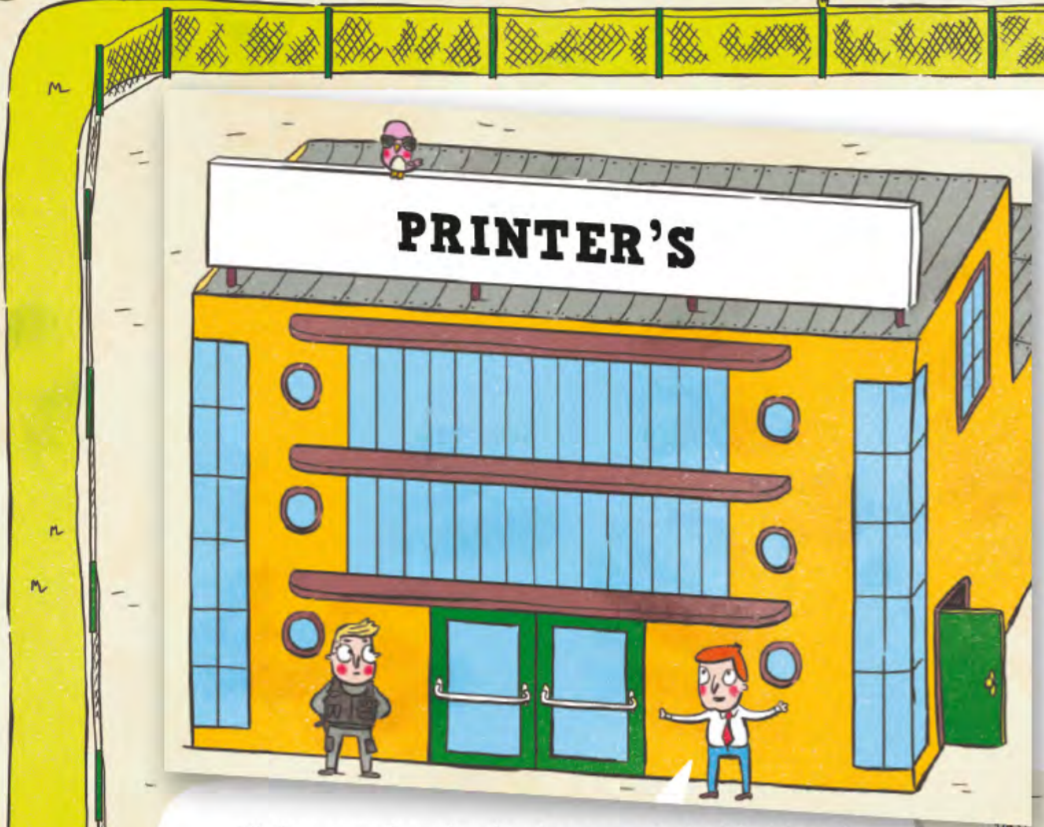


We take an **engraved copper plate** for the printing of new money.

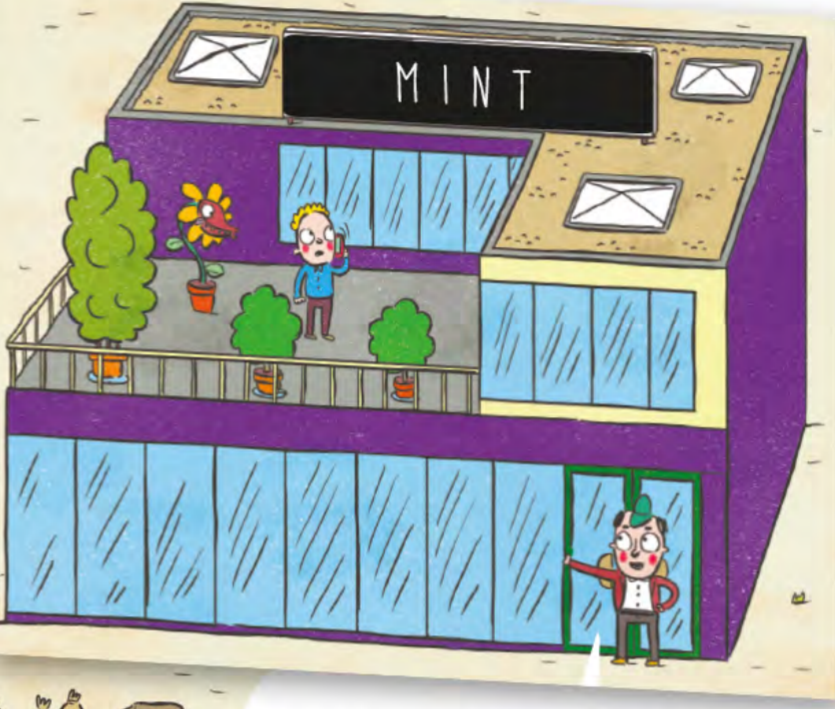


I'm carrying **special printing paper** for banknotes.

We order paper by special delivery: the paper on which banknotes are printed mustn't fall into the wrong hands.



I'll show you how banknotes are **printed**, but I can't take you everywhere, because some places are **secret**. You must exercise maximum self-discipline and not touch anything. The production process is **strictly monitored** from start to finish



The money we produce at our **mint** is of lower value than money produced by a banknote manufacturer, but even so we keep **security** at the maximum.



I go to a **cash machine** to take out money I've saved in beautiful new banknotes.



All these **security measures** are because of me, as I'm the one who has brought newly printed banknotes to the **bank**.



Come on in - this is an ideal opportunity to peek beyond doors that are usually closed to you.

Oh no! This note is a **fake!**

*O. Rivšička, A. Nelmerová*

# DO YOU KNOW HOW THINGS ARE MADE?

FOR AGE:  
**6+**

A BOOK FOR VERY YOUNG READERS THAT SHOWS SIMPLY, CLEARLY AND STEP BY STEP HOW THINGS WE USE EVERY DAY ARE PRODUCED.

In the **building** where you live, you use devices that are powered by **electricity**. You sit at your PC, playing your favourite **computer game** or browsing the **internet**. Your parents' **car**, bought with **money** earned in their jobs, stands in the garage. These are things you encounter every day, and probably you take them for granted. But do you know where they came from? Do you know how they were made and how many people were involved in their production? Do you know why there is so much interesting information on the internet, and who put it there? Do you have any idea how many people worked together to make the building you live in? Do you know where and how banknotes and coins are made? **This book provides answers to all these questions and several more besides**, while doing its best to keep you entertained throughout.

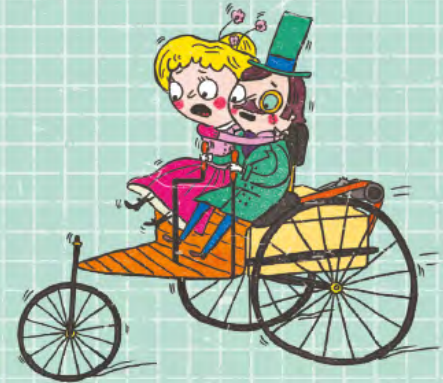
**BOOKLET**  
how car is made  
in a car factory?

**BOOKLET** find out  
where components and  
parts for cars are made.



**BOOKLET**  
what goes on  
in a car service.

**BOOKLET** how cars  
are designed?



**building**



*electricity*



**CAR**



**INTERNET**



**COMPUTER GAME**



**MONEY**



EAN



WARNING:  
CHOKING HAZARD  
Small parts. Not suitable for  
children under 36 months.

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