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# Introduction

*Math Mammoth European Money* is a worktext that covers money-related topics usually encountered during grades 1-3. The book contains both textbook explanations and exercises, and is designed to be very easy to teach from, requiring very little teacher preparation (you do need to find practice coins before the lessons).

The book starts with first-grade topics such as counting coins with cent-amounts and easy problems about change. For the most part, these lessons use “c” as a symbol for cents. I realize there is no official symbol for cents, but when young children are learning to count coins, it is much more natural to count them as cent-amounts, and not use the euro symbol such as in €0,08 to mean 8 cents.

While these initial lessons use pictures for the coins, practicing with real coins is, of course, even better, and you should have real money on hand to practice with.

From there, the lessons advance toward second-year, and finally to third year topics, such as practicing with euro amounts, and figuring out total bills and change. Therefore, you can also let your child work the pages of this book in different time periods, and not go through it all at once, depending on your child's current level.

*Making Change* explains two basic ways of finding the change: counting up, and subtracting (finding the difference). This is all done with mental math. The next lesson also practices money problems using mental math.

In the last lesson we solve money problems by adding and subtracting money amounts vertically (in columns).

On the next page you will find a list of money activities and games on the Internet.

*I wish you success with your math teaching!*

*Maria Miller*

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## Euro Money Resources on the Internet

*Use these games and resources to supplement the bookwork as you see fit.*

*You can access an up-to-date online version of this list at*

[www.mathmammoth.com/weblinks/european\\_money.htm](http://www.mathmammoth.com/weblinks/european_money.htm)

### **Counting coins worksheets**

Create free worksheets for counting all euro coins and some bills. You can choose the number of coins, the maximum total amount, and the number of problems.

<http://www.homeschoolmath.net/worksheets/european-money.php>

### **Dive and Count**

Collect coins while diving until you have collected the given amount.

[http://ec.europa.eu/economy\\_finance/netstartsearch/euro/kids/games/amount\\_en.htm](http://ec.europa.eu/economy_finance/netstartsearch/euro/kids/games/amount_en.htm)

### **Spend Healthy**

Shop from a vending machine. Draw the right amount of euro coins to the coin slot.

<http://skola.gov.mt/euro/gameShop.aspx>

### **Shopping with the Euro**

Guess how many euros some items cost.

[http://www.euro.gov.mt/games/Shopping\\_with\\_the\\_euro/index.htm](http://www.euro.gov.mt/games/Shopping_with_the_euro/index.htm)

### **All About Money - Kids Corner**

Learn more about the euro in general.

[http://ec.europa.eu/economy\\_finance/netstartsearch/euro/kids/money\\_en.htm](http://ec.europa.eu/economy_finance/netstartsearch/euro/kids/money_en.htm)

### **Teaching Euro Money Activities**

Money Machine, Coin Drag, Count Up, Change Please and many other games.

<http://www.teachingmoney.co.uk/eurosite/euroindex.html>