Millie the Mathematician says

Let's learn about...

Australian coins

Mick's Lucky Day

Number and Algebra

Written for the Australian Curriculum: Mathematics

Sara MacDonald | Randall Hall | Richard John

AUSTRALIAN CURRICULUM: MATHEMATICS

Strand:	Number and Algebra
Sub-strand:	Money and financial mathematics
Descriptor:	Recognise, describe and order Australian coins according to their value

MATHS WORDS

Coin, dollar, one, two, five, ten, twenty, fifty, money

INFORMATION FOR PARENTS OR CAREGIVERS

Helping your child learn to read is a rewarding and enjoyable experience for both you and your child. Here are some ways you can help your child with their reading.

BEFORE READING

- Introduce the book, read the title and look at the pictures. Ask your child if they know about Australian coins. Do they know the differences between each coin?
- Refer to the maths words above. Discuss each word and its meaning. These words will appear in this book.

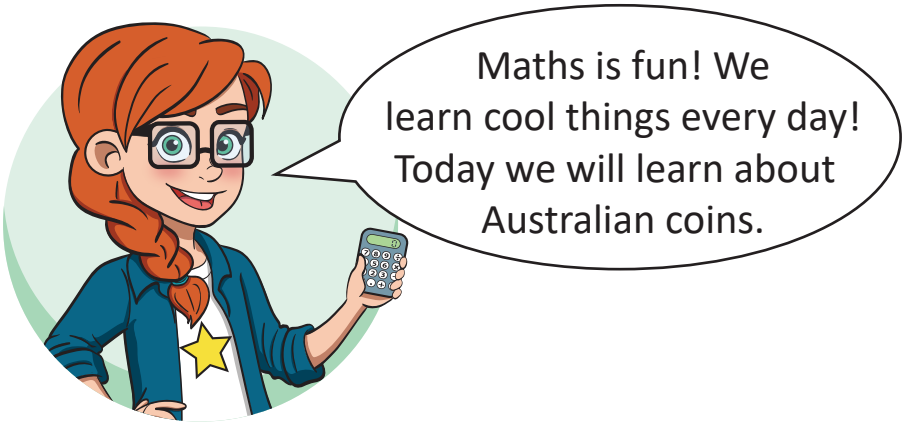
DURING READING

- At this level, your child should attempt to read their home reader on their own. There may be words they are unsure of. Encourage them to break these words down into their individual sounds, blending them from left to right.
- Stop your child on the pages where Millie the Mathematician appears. Discuss the maths vocabulary and interesting information presented.

MATHS CONCEPTS IN THIS BOOK

This book addresses concepts relating to Australian money and coins within the *Number and Algebra* strand of the *Australian Curriculum: Mathematics*. In this part of the curriculum, students are required to recognise and understand the differences in appearance and value of Australian coins. A common misconception with Australian children is that they often confuse the size of the coin with its value.

Currently, all Australian coins have a picture of the current ruling monarch (Queen Elizabeth II) on one side and images of Australian significance on the other side including: an echidna on the five cent coin; a lyrebird on the ten cent coin; a platypus on the twenty cent coin; the Commonwealth Coat of Arms on the fifty cent coin; kangaroos on the one dollar coin; and a traditional aboriginal elder and the Southern Cross on the two dollar coin.



Mick's Lucky Day

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Mick and Millie walked to the shop to buy milk for Mick's mum.

"I hope there is money left over to buy an ice-cream," said Mick.

As they walked, Mick spotted a coin on the footpath.

"That's a five cent coin," said Millie. "It has an echidna on it."

"WOW!" said Mick happily. "This is my lucky day!"

5 cent coin

As they walked, Mick spotted another coin under some flowers.

"That's a ten cent coin," said Millie. "It has a lyrebird on it."

"WOW!" said Mick happily. "This is my lucky day!"

10 cent coin

"This is my lucky day!" said Farmer Derek. "Let me buy you an ice-cream."

"Thank you!" said Mick happily.

"This is **our** lucky day!"

AFTER READING

Ask your child what the book was about and encourage them to re-tell it in the order in which it appeared.

Discuss the following with your child to assist them to understand the content of the book:

- How many different coins did you see in this book?
- Which of the coins is the biggest? Which has the greatest value?
- What do all of the coins in this book have in common?
- If you were designing a five dollar coin, what images would you put on it? Why?

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Griffith University

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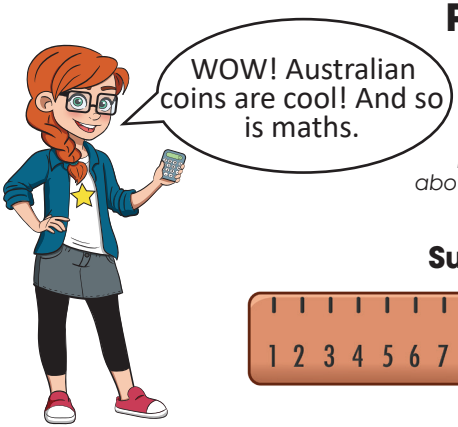
Mick's Lucky Day

Number and Algebra

Book 12 of 24

In this book, Millie the Mathematician helps us learn about Australian coins. We learn that coins of different value are unique in appearance and Millie helps us to recognise these differences. We also explore the fact that different coins have different values.

Australian Curriculum: All books in the "Millie the Mathematician" series are written for the *Australian Curriculum: Mathematics* and align directly to what children learn in the classroom. This book addresses the learning outcome "Recognise, describe and order Australian coins according to their value" from the *Number and Algebra* strand within the *Money and financial mathematics* sub-strand.



PARENTS, READ ALONG WITH MILLIE!

Throughout this book Millie the Mathematician tells us interesting mathematical facts. Use these prompts to encourage further interest and discussion about **Australian coins** *with your child.*

Suggested Reading Level:

PM 12-16, Fountas and Pinnell G-I

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