



Giving and following directions

Pirate Pan's Treasure

Measurement and Geometry



Written for the Australian Curriculum: Mathematics

Gayle Brent | Randall Hall | Richard John

AUSTRALIAN CURRICULUM: MATHEMATICS

Strand:	Measurement and Geometry
Sub-strand:	Location and transformation
Descriptor:	Give and follow directions to familiar locations

MATHS WORDS

Turn, past, forward, under, up, in, clockwise, anti-clockwise, metres, down, right, left, over, around

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 have ever given or followed directions, or used a map.
- Refer to the maths words above. Discuss each word and its meaning. These words will appear in this book.

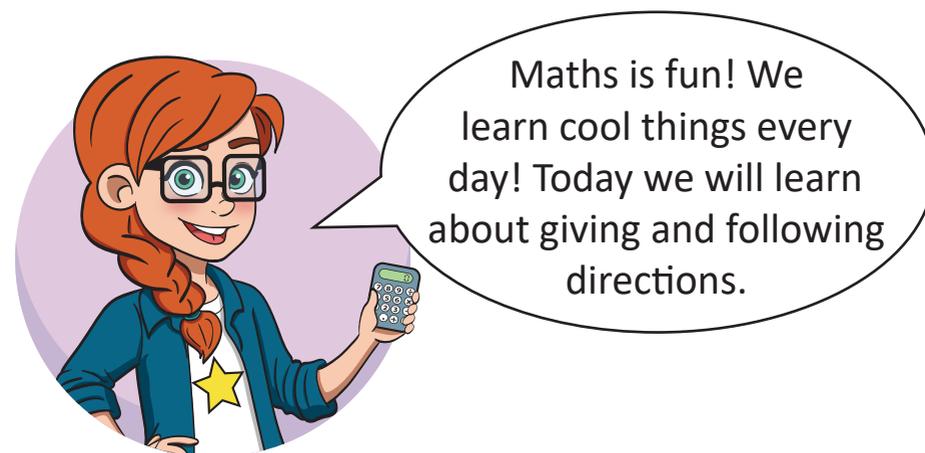
DURING READING

- 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 the *Measurement and Geometry* strand of the *Australian Curriculum: Mathematics*. In this strand, students are introduced to the giving and following of directions to different locations. They are also introduced to the notion of using a map to find a particular location. It is important for students to practice the giving and following of directions as their concepts of place, location and spatial awareness develop.

In this book, students are introduced to a range of directional instructions to assist in finding a particular location, including left, right, up, down, around, past, through, over, under, clockwise and anti-clockwise. Temporal instructions (involving time) and spatial instructions (involving distance) are also used. Students practice these instructions in the early part of the Australian Curriculum to assist with their everyday lives.



Pirate Pan's Treasure



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Pirate Pan was a good pirate,
but he kept getting lost.

And he always forgot where he
hid his treasure.



Luckily his good friend, Sally the Parrot, was there to help.

“Your treasure is on Rainbow Island,” she said. “And I have a map to help us find it.”



“Thank you for your help, Sally,”
said Pirate Pan.

“Now, can you remember where
I left my boat?”



WOW!
Giving and following
directions is cool! And so
is maths.

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.

- Where did Pirate Pan think he hid his treasure in the jungle?
- Can you give directions to find Pirate Pan’s treasure?
- Why do you think Pirate Pan asked Sally if she remembered where the boat was?
- Can you think of a good place to hide treasure?

First published in Australia in 2018
Griffith University

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National Library of Australia Cataloguing-in-Publication data:

Brent, Gayle; Hall, Randall; John, Richard

Pirate Pan’s Treasure

ISBN: 978-0-6484079-4-2

Printed in Australia

Acknowledgements

Series Illustrators: Carissa Harris, James Elms, Gemma Duffill

Series Graphic Artist: Carissa Harris

Cover Design: Sam Dunn

Series Consultants: Samantha Hutchinson, Gayle Brent, John Robertson

Images: Shutterstock

Community Partners

The authors gratefully acknowledge the support of the following people and organisations for their assistance in the production and distribution of this series:

Jock and Beverly McIlwain, Mermaid Waters, Queensland, Australia

Griffith University, Queensland, Australia

Rotary International, Australia, District 9640

P&Cs Qld



Pirate Pan's Treasure

Measurement and Geometry

Book 14 of 24

In this book Millie the Mathematician helps us learn about giving and following directions to familiar locations. We learn that we can give directions using a variety of instructions as Sally the Parrot helps Pirate Pan locate his lost treasure. Students are also introduced to the concepts of using 'clockwise' and 'anti-clockwise' as part of instructional directions to find a location.

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 content from the *Measurement and Geometry* strand within the *Location and transformation* sub-strand. The specific Australian Curriculum content descriptor addressed is: "Give and follow directions to familiar locations."



WOW!
Giving and following directions is cool! And so is maths.

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 *giving and following directions* with your child.

Suggested Reading Level:



PM 12-16, Fountas and Pinnell G-I

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UNIVERSITY
Queensland, Australia

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ISBN 978-0-6464079-4-2



Griffith University | Queensland, Australia
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