



Months, weeks, days and hours

Elly Goes to the Snow

Measurement and Geometry



Written for the Australian Curriculum: Mathematics

Gayle Brent | Randall Hall | Richard John

AUSTRALIAN CURRICULUM: MATHEMATICS

| | |
|--------------------|--------------------------------------------------------|
| Strand: | Measurement and Geometry |
| Sub-strand: | Using units of measurement |
| Descriptor: | Describe duration using months, weeks, days and hours. |

MATHS WORDS

Hours, day, days, week, weeks, month, months, year, o'clock, morning, afternoon, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, January, February, March, April, May, June, July, August, September, October, November, December

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 about their understanding of time duration and the relationship between hours, days, weeks and months.
- Refer to the maths words above. Discuss each word and its meaning. These words will appear in this book.

DURING READING

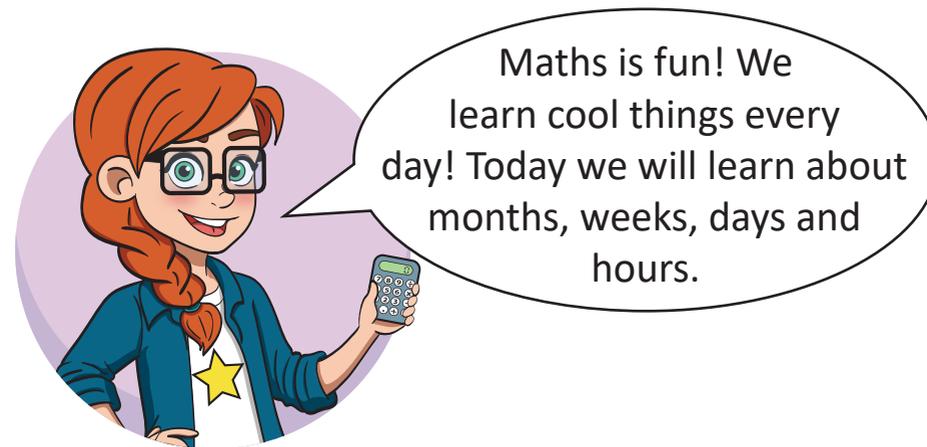
- At this level, your child should attempt to read their home reader on their own. They may be unsure of some words. Encourage them to break these words down into their individual sounds, blending them from left to right.
- Stop your child on the pages where Millie the Mathematician appears. Discuss the maths vocabulary and interesting mathematical 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 a range of physical quantities including length, mass, temperature and **time**. Each of these are quantified using **units of measurement** (e.g. metres or centimetres for length; kilograms or grams for mass).

The units of **time** that students are introduced to include seconds, minutes, hours, days, weeks, months and years. Students are required to describe the duration of common events that occur across different time scales. They are also required to understand the relationship between the different units of time – for example, understanding there are 60 seconds in one minute and 60 minutes in one hour; or 24 hours in one day, seven days in one week, 12 months in one year, etc.

The concepts of 'morning', 'afternoon', 'evening' and 'night', the duration of the four seasons across a year, and differentiating time using 'am' and 'pm' are also important learning outcomes at this early stage of the Australian Curriculum.



Elly Goes to the Snow



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Elly is excited. Today is the last day of school.

Elly and her family are going to the snow for the holidays!

“Hooray!” Elly thinks happily.
“Only six hours until the holidays start!”



Elly's school day is six hours long – from 9am to 3pm.



Elly looks at the clock all day.

At two o'clock the school day is nearly over.

“Hooray!” Elly thinks happily.

“Only one hour until the holidays start!”



“Hooray!” Elly thinks happily.
“Only one year until we go to
the snow again!”



WOW! Months, weeks,
days and hours are 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.

- How long was Elly’s holiday in the snow?
- How many months are there in one year?
- Why do you think Elly wants to stay at the snow for one month instead of one week?
- Can you describe something you have done recently for two hours? What about something you did for a day?

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

Elly Goes to the Snow

ISBN: 978-0-6484079-3-5

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



Elly Goes to the Snow

Measurement and Geometry

Book 13 of 24

In this book, Millie the Mathematician helps us learn about duration and units of time. We follow Elly on her holiday to the snow and learn to differentiate years, months, weeks, days and hours. We also learn that one year is divided into 12 months; one month is approximately four weeks; one week is equivalent to seven days; and there are 24 hours in a day, which is divided into daylight hours and night-time hours.

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 *Using units of measurement* sub-strand. The specific Australian Curriculum content descriptor addressed is: "Describe duration using months, weeks, days and hours."



WOW!
Months, weeks,
days and hours are
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 **months, weeks, days and hours** with your child.

Suggested Reading Level:



PM 12-16, Fountas and Pinnell G-I

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District 9640



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UNIVERSITY
Queensland, Australia

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ISBN 978-0-6464079-3-5



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