## =Mathematics Hub

## Foundation: Place Value

## Picture Storybooks

Picture storybooks are a powerful maths teaching tool. This is a list of picture storybook recommendations that will help to:

- provide an authentic context to draw on, apply and develop number knowledge
- connect key number concepts to real life
- provide opportunities for counting, subitising and comparing collections
- establish an understanding of 'zero', that it describes 'nothing'
- launch hands-on investigations into number.


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## Ducks Away!

By Mem Fox

## Published by Omnibus Books

Mother Duck and 5 fluffy ducklings waddled out one day. They went onto a bridge, then ducks away! With this delightful rhyming book, you may:

- count small collections up to 5
- see numbers to 5 in different ways, for example, 4 and 1 is 5 , and 1 less than 5 is 4 .


## Mr Brown's Magnificent Apple Tree

## By Yvonne Winer

## Published by Scholastic

Mr Brown is very proud of the apples on his tree. But then they start to disappear one by one! With this storybook, you may:

- count small collections up to 5
- read numerals to 5 and numbers to five expressed in words
- think about numbers in relation to each other, for example, that 4 is 1 less than 5
- explore subtraction.


## Zero Is the Leaves on the Tree

By Betsy Franco

## Published by Scholastic

If you look carefully, zero is everywhere. It's the ripples in the pool before the first swimmer jumps in and it's the balls left in the bin at recess. With this delightful storybook, you may:

- understand that 'zero' describes 'nothing'
- think about what zero looks like in day-to-day contexts
- read 0 as a numeral and as a word.


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## Crash! Boom! A Maths Tale

By Robie H. Harris

## Published by Candlewick

Elephant is building a tower using blocks but it keeps crashing down! Elephant uses different strategies to rebuild it. Through this lively storybook, you may:

- count objects up to 10 and beyond
- read numerals to 10
- make predictions
- notice that multiple parts make a total.


## The Waterhole

By Graeme Base

## Published by Penguin books Australia Pty Ltd

Through this beautifully illustrated storybook, you may:

- count collections up to 10
- read numerals to 10
- think about relationships between numbers, for example, that 8 is 1 more than 7 .


## Count with Maisy, Cheep, Cheep, Cheep!

By Lucy Cousins

## Published by Walker Books Australia

It's bedtime but Mummy Hen doesn't have any of her 10 chicks! Help Maisy find all 10 chicks. In this book, you may:

- count small collections up to 10
- read the numerals 1 to 10
- see numbers to 10 in different ways, for example, that 3 and 1 is 4 , and that 4 is 1
- more than 3 .


## Quack and Count

By Keith Baker

## Published by Harcourt Children's Books

A family of seven ducklings are getting ready to fly for the first time! In this delightful rhyming book, you may:

- count small collections up to 7
- think about different ways to make the number 7
- explore addition that makes 7 .


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## Ten Friends

## By Bruce Goldstone

## Published by Henry Holt and Co

'If you could ask 10 friends to tea, tell me who those friends would be'. In this counting book, you may:

- count collections up to 10
- read numerals to 10
- think about different ways to make 10 , for example, 5 and 5 makes 10.



## Stack the Cats

By Susie Ghahremani

## Published by Abrams Appleseed

How does one organise a bunch of cats? In this lively book, you may:

- count forwards and backwards to 10 and beyond
- read numbers to ten expressed in words
- think about numbers in terms of their parts, for example, 3 and 3 and 3 is 9
- explore addition and subtraction.


## Zero

By Kathryn Otoshi

## Published by KO Kids Books

Zero is envious of the other numbers as they line up to count. But then she discovers her value. In this heartwarming book, you may:

- read numbers to nine as words
- read numbers to 10 and beyond as numerals
- think about the role of zero, including in place value.



## How many snails?: A counting book

By Paul Giganti, Jr

## Published by Greenwillow Books

Engage in making observations and posing questions about how many. In this book about classification and counting, you may:

- count quantities up to 20 and beyond
- describe and classify items according to their attributes
- think about different parts that make up a collection
- explore addition and subtraction.


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## Bean Thirteen

By Matthew McElligott
Published by G.P. Putnam's Sons Books for Young Readers
In this book, you may:

- subitise (instantly recognise the quantity of) small collections
- think about numbers up to 10 and beyond in terms of their parts
- explore addition and subtraction
- explore sharing items.


## Ten Apples Up On Top

By Dr Seuss

## Published by HarperCollins Publishers

Meet a trio of lively animals as they show off how many apples they can balance on their heads! In this book, you may:

- count collections up to 10 and beyond
- compare quantities, for example, that 7 is 3 more than 4
- explore equivalence
- estimate
- count by 10 s.



## One Is a Snail, Ten is a Crab

By April Pulley Sayre and Jeff Syare

## Published by Walker Books Australia

Through this mathematically rich storybook, you may:

- count and visualise numbers to 10 , then multiples of 10
- notice how each collection is made up of parts
- see how 10 ones is equal to 1 ten
- see the importance of grouping in tens.

