

## Early Childhood Mathematics Group Picture Books List

### Numbers to 10:

<i>123, A walk in the countryside</i>	Rosalind Beardshaw
<i>Ten Black Dots</i>	Donald Crews
<i>Ten Red Apples</i>	Pat Hutchins
<i>Ten Seeds</i>	Ruth Brown
<i>Abigail</i>	Catherine Rayner
<i>Alfie's Numbers</i>	Shirley Hughes
<i>The Most Amazing Hide-and-Seek Numbers Book</i>	Robert Crowther
<i>Cockatoos</i>	Quentin Blake
<i>Count and See</i>	Tana Hoban
<i>Count with Maisy</i>	Lucy Cousins
<i>Farm 123</i>	Rod Campbell
<i>Father Christmas Needs a Wee</i>	Nicholas Allan
<i>Handa's Hen</i>	Eileen Browne
<i>How Many Bugs in a Box?</i>	David A Carter
<i>I Spy Numbers in Art</i>	Lucy Micklethwait
<i>Maisy's First Numbers</i>	Lucy Cousins
<i>My Granny Went to Market</i>	Stella Blackstone
<i>None the Number</i>	Oliver Jeffers
<i>Number Fun: Making Numbers With Your Body</i>	Isabel Thomas
<i>Olivia Counts</i>	Ian Falconer
<i>One Child One Seed</i>	Kathryn Cave
<i>One Gorilla: A Counting Book</i>	Anthony Browne
<i>One Smiling Grandma</i>	Ann Marie Linden and Lynne Russell
<i>One to Ten and Back Again</i>	Nick Sharratt and Sue Heap
<i>One to Ten... Animal Mayhem</i>	Thomas Flintham
<i>One, Two, Three, Oops!</i>	Michael Coleman and Gwyneth Williamson
<i>Sixes and Sevens</i>	John Yeoman and Quentin Blake
<i>10 Little Rubber Ducks</i>	Eric Carle
<i>The Very Hungry Caterpillar</i>	Eric Carle
<i>The Selfish Crocodile</i>	Faustin Charles and Mike Terry
<i>The Water Hole</i>	Graeme Base
<i>Wibbly Pig has 10 Balloons</i>	Mick Inkpen

### Numbers from 11 onwards:

<i>12 Ways to Get to 11</i>	Eve Merriam
<i>365 Penguins</i>	Jean-Luc Fromental
<i>Anno's Counting Book</i>	Mitsumasa Anno
<i>Best Counting Book Ever</i>	Richard Scarry
<i>Centipede's 100 Shoes</i>	Tony Ross
<i>Have You Seen My Dragon?</i>	Steve Light
<i>How Big is a Million?</i>	Anna Milbourne and Serena Riglietti
<i>How Many Jelly Beans?</i>	Andrea Menotti and Yancey Labat

<i>How Many Peas in a Pod?</i>	Margaret Allum and Judy Watson
<i>How Many Seeds in a Pumpkin?</i>	Margaret McNamara and G. Brian Karas
<i>How Much is a Million?</i>	David M. Schwartz and Steven Kellogg
<i>Meg's Eggs</i>	Helen Nicoll and Jan Pienkowski
<i>One is a Snail, Ten is a Crab</i>	April Pulley Sayre, Jeffrey Sayre and Randy Cecil
<i>One Hundred Hungry Ants</i>	Elinor J. Pinczes
<i>One Thing (Charlie and Lola series)</i>	Lauren Child
<i>Numbers (Simple Maths)</i> (including numbers to 100 and simple sums)	Rose Griffiths and Peter Millard

### **Addition and subtraction:**

<i>How Many Legs?</i>	Kes Gray & Jim Field
<i>Maisy Goes Camping</i>	Lucy Cousins
<i>Mouse Count</i>	Ellen Stoll Walsh
<i>One is a Snail, Ten is a Crab</i>	April Pulley Sayre, Jeffrey Sayre & Randy Cecil
<i>The Great Pet Sale</i>	Mick Inkpen

### **Number patterns:**

<i>The Shopping Basket</i>	John Burningham
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### **Number rhymes:**

<i>Five Ugly Monsters</i>	Tedd Arnold
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### **Multiplication and division:**

<i>Two Ways to Count to Ten</i>	Ruby Dee and Susan Meddaugh
<i>One is a Snail, Ten is a Crab</i>	April Pulley Sayre, Jeffrey Sayre & Randy Cecil
<i>The Doorbell Rang</i>	Pat Hutchins
<i>Two of Everything</i>	Lily Toy Hong

### **Measures:**

<i>Clocks and More Clocks</i>	Pat Hutchins
<i>Big Blue Whale</i>	Nicola Davies and Nick Maland
<i>How Long is a Whale?</i>	Alison Limentani
<i>How Much Does a Ladybird Weigh?</i>	Alison Limentani
<i>Is It Larger? Is It Smaller?</i>	Tana Hoban
<i>Jasper's Beanstalk</i>	Nick Butterworth and Mick Inkpen
<i>Jim and the Beanstalk</i>	Raymond Briggs
<i>Little Croc's Purse</i>	Lizzie Finlay
<i>Measuring Penny</i>	Loreen Leedy
<i>Balancing Act</i>	Ellen Stoll Walsh
<i>The Smartest Giant in Town</i>	Julia Donaldson and Axel Scheffler
<i>Tick Tock</i>	Sam Godwin
<i>Washing Line</i>	Jez Alborough
<i>What's the Time, Mr. Wolf?</i>	Debi Gliori

## Shape and space:

<i>A Triangle for Adaora</i>	Ifeoma Onyefulu
<i>Aliens Love Underpants</i>	Claire Freedman and Ben Cort
<i>As the Crow Flies: A First Book of Maps</i>	Gail Hartman
<i>Follow That Map: A First Book of Mapping Skills</i>	Scot Ritchie
<i>Grandpa's Quilt</i>	Betsy Franco and Linda A. Bild
<i>Have You Seen My Monster?</i>	Steve Light
<i>Henry's Map</i>	David Elliot
<i>Inside, Outside, Upside Down</i>	Stan and Jan Berenstain
<i>Lucy in the City</i>	Julie Dillemoth and Laura Wood
<i>Make a Bigger Puddle, Make a Smaller Worm</i>	Marion Walter
<i>Mapping Penny's World</i>	Loreen Leedy
<i>Mouse Shapes</i>	Ellen Stoll Walsh
<i>My Map Book</i>	Sara Fanelli
<i>Over, Under and Through</i>	Tana Hoban
<i>Peppa Pig: Shapes</i>	Ladybird board book
<i>Rosie's Walk</i>	Pat Hutchins
<i>The Fish Who Could Wish</i>	John Bush and Korky Paul
<i>The Greedy Triangle</i>	Marilyn Burns
<i>The Magic Mirror Book</i>	Marion Walter
<i>The Secret Birthday Message</i>	Eric Carle
<i>The Shape of My Heart</i>	Mark Sperring and Alys Paterson
<i>Walter's Wonderful Web</i>	Tim Hopgood
<i>Where Do I Live?</i>	Neil Chesanow and Ana Iosa
<i>Winnie-the-Pooh</i>	A.A. Milne (The story of the Woozle may also be relevant!)

## More shape books from Ann Dowker:

Mac Barnett and Jon Klassen: *Triangle*; Candlewick Press, 2019  
Mac Barnett and Jon Klassen: *Circle*; Candlewick Press, 2018  
Mac Barnett and Jon Klassen: *Square*; Candlewick Press, 2018  
David Diehl: *A Circle Here, A Square There: My Shapes Book*; 2007  
Tana Hoban: *Shapes, Shapes, Shapes*; Harper, 1996  
Tana Hoban: *Cubes, Cones, Cylinders and Spheres*; Harper, 2000  
Tana Hoban: *So Many Circles, So Many Squares*; Harper, 1997  
Roseanne Thong and Grace Lin: *Round is a Mooncake: A Book of Shapes*; Chronicle Books, 2000

## and from Erikson:

Color Farm	Lois Ehlert
Color Zoo	Lois Ehlert

## Problem solving and miscellaneous:

<i>Cleversticks</i>	Bernard Ashley and Derek Brazell
<i>Grandfather Counts</i>	Andrea Cheng and Ange Zhang (explores counting in English and Chinese)
<i>Handa's Surprise</i>	Eileen Browne
<i>If You Give a Mouse a Cookie</i>	Laura Joffe Numeroff
<i>Spinderella</i>	Julia Donaldson and Sebastien Braun

*The Tiger Who Came to Tea* Judith Kerr  
*Would You Rather?* John Burningham

### **Books for teachers:**

*Tom Thumb's Musical maths* Helen MacGregor  
*The Art of Clean Up* Ursus Wehrli

### **Books for specific numbers:**

<b>0</b>	<i>None the Number</i>	Oliver Jeffers
<b>1</b>	<i>One Bear at Bedtime</i>	Mick Inkpen
	<i>One Thing</i>	Lauren Child
<b>2</b>	<i>Two of Everything</i>	Lily Toy Hong
<b>3</b>	<i>Three Little Pigs</i>	
<b>5</b>	<i>Room on the Broom</i>	Julia Donaldson and Axel Scheffler
	<i>How Many Beans Make Five?</i>	Mick Gowar
<b>6</b>	<i>Six Chicks</i>	Henrietta Branford
	<i>The Very Hungry Caterpillar</i>	Eric Carle
<b>8</b>	<i>The Sleepover</i>	Catherine Twomey Fosnot
<b>9</b>	<i>Nine Ducks Nine</i>	Sarah Hayes
<b>10</b>	<i>Ten Black Dots</i>	Donald Crews
	<i>Mouse Count</i>	Ellen Stoll Walsh
<b>11</b>	<i>Divide and Ride</i>	Stuart J. Murphy
	<i>12 Ways to Get to 11</i>	Eve Merriam
<b>12</b>	<i>The Doorbell Rang</i>	Pat Hutchins
	<i>Anno's Counting Book</i>	Mitsumasa Anno

## **Weblinks**

### **Foundation years maths resources:**

<http://www.foundationyears.org.uk/mathematical-resources/top-ten-number-and-counting-books/>

### **NRICH early years books:**

<http://nrich.maths.org/8897>

### **Erikson early math:**

<http://earlymath.erikson.edu/>

### **Books that teach maths concepts for 4 to 8 year olds:**

[www.kilmoreps.vic.edu.au/app/webroot/.../picturebooksthatteachmathsconcepts.pdf](http://www.kilmoreps.vic.edu.au/app/webroot/.../picturebooksthatteachmathsconcepts.pdf)

### **Maths through stories for all ages, includes references:**

<http://www.mathsthroughstories.org/>

## **Reference**

Van den Heuvel-Panhuizen, M., Elia, M. & Robitzsch, A. (2016)  
Effects of reading picture books on kindergartners' mathematics performance,  
*Educational Psychology*, 36:2, 323-346, DOI: 10.1080/01443410.2014.963029

## **Janine Davenall's core books for Reception, Nursery and two-year-olds:**

### 10 Reception core books for mathematical learning:

- Abigail by Catherine Rayner
- Walter's Wonderful Web by Tim Hopgood
- Ten Apples Up On Top by Dr. Seuss
- Pete the Cat and His Four Groovy Buttons by Eric Litwin
- One to Ten and Back Again by Nick Sharratt and Sue Heap
- The Shopping Basket by John Burningham
- Mouse Count by Ellen Stoll Walsh
- Cluck O'Clock by Kes Gray and Mary McQuillan
- Splash! by Ann Jonas
- 10 Little Rubber Ducks by Eric Carle

### 10 Nursery core books for mathematical learning:

- Color Zoo by Lois Ehlert
- The Secret Birthday Message by Eric Carle
- Dog's Colorful Day by Emma Dodd
- Is It Larger? Is It Smaller? by Tana Hoban
- Ten Black Dots by Donald Crews
- Handa's Hen by Eileen Browne
- Maisy Goes Camping by Lucy Cousins
- Cook it! by Child's Play/illustrated by Georgie Birkett
- Kipper's Toybox by Mick Inkpen
- Grandpa's Quilt by Betsy Franco and Linda A. Bild

### 10 Acorns (2YO) core books for mathematical learning:

- Washing Day Blues by Margaret Williams and Diann Timms
- Big and Small by Sian Smith
- Count with Maisy by Lucy Cousins
- More, Fewer, Less by Tana Hoban
- 1, 2, 3 to the Zoo by Eric Carle
- Big and Small by Britta Teckentrup
- Spot Bakes A Cake by Eric Hill
- Count with Maisy, Cheep, Cheep, Cheep! by Lucy Cousins
- Red, Blue, Yellow Shoe by Tana Hoban
- Up and Down by Britta Teckentrup