

Mathematical Texts

Recommended by the West Sussex Mathematics Team

This version updated: Nov-10

Title	Author	ISBN	Favourites	EY	FS	KS 1	KS 2	KS 3	KS 4	Adult	Main area	Brief Notes
The Doorbell Rang	Pat Hutchins	978688131012									Calculation	Division of 12
Red Riding Hood's Maths Adventure	Lalie Harcourt	9780711215672									Calculation	Subtraction from 12
A Fair Bear Share	Stuart Murphy	9780064467148									Calculation	Addition using regrouping tens
The 512 Ants on Sullivan Street	Carol Losi	9780439798549									Calculation	Doubling to 512
A remainder of one	Elinor Pinczes & Bonnie Mackain	9780395694558	Top choice								Calculation	Division with remainders – arrays, factors
One hundred hungry ants	Elinor Pinczes & Bonnie Mackain	9780395971239	Top choice								Calculation	Factors, arrays, division
Doubling Fun with Annie Ant	Vicki Churchill	9781862332140									Calculation	Doubling to 20, multiplying by 2
Math Appeal	Greg Tang & Harry Briggs	9780439210461									Calculation	Riddles that encourage mathematical thinking and a range of mental strategies
12 ways to get to 11	Eve Merriam & Bernie Karlin	9780689808920									Calculation	Considers different ways to partition 11 Beware - some contexts are a little misleading, but the basic idea is good
Math-terpieces	Greg Tang & Greg Paprocki	9780439443883									Calculation	Simple problems inspired by works of art, unfortunately there is little variation in the types of problem included
The King's Chessboard	David Birch	9780140548808									Calculation	Indian tale – multiplication, doubling to high numbers, problem solving
The Great Divide	Dayle Ann Dodds	9780744556247									Calculation	Halving from 80
2X2=BOO!	Loreen Leedy	9780823412723									Calculation	Multiplication to 5X5
Anno's Magic Seeds	Mitsumasa Anno	9780698116184									Calculation	Doubling
Anno's mysterious multiplying jar	Masaichiro & Mitsumasa Anno	9780370309583	Top choice								Calculation	Multiplication – factorials – Could be used in different ways with pupils across the age range
The Doorbell Rang	Pat Hutchins	9780688052515									Calculation	Number Story (factors of 12)
Buzzing Bees	Rosemary Reuille Irons	9780732708986									Calculation	Understand the link between addition and subtraction
Too Many Kangaroo Things To Do!	Stuart Murphy	9780606096010									Calculation	Multiplication to 4X4 and total
Spunky Monkeys on Parade	Stuart Murphy	9780064467278									Calculation	Multiplication/counting in 2,3 and 4
Divide and Ride	Stuart Murphy	9780064467100									Calculation	Division of 11 with addition to make 12
Stay in Line	Teddy Slater	9780590227131									Calculation	Division of 12
Halving Fun with Buster Bug	Vicki Churchill	9781862332195									Calculation	Dividing by 2 from 20, halving, interactive
The tiny Seed	Eric Carle	9780140557138									Many	Seasons, counting etc
Mr Wolf's pancakes	Jan Fearnley	9781405238724									Many	Good for addition, subtraction, division, weighing, money and using and applying
The Shopping Basket	John Burningham	9780099899303									Many	Counting and Subtracting
The Real Princess	Brenda Williams & Sophie Fatus	9781846863905	Top choice								Many	A rewrite of the princess and the pea with humour and lots of mathematics interwoven
The Rabbit Problem	Emily Gravett	9780330503976	Top choice								Many	Based on Fibonacci but there are lots of ideas that can be explored
365 Penguins	Jean-Luc Fromental & Joelle Jolivet	9780810944602	Top choice								Many	Counting to 365 and all sorts of other aspects such as calculation, properties of numbers, pattern and shape
Very hungry caterpillar	Eric Carle	9780241003008	Top choice								Many	Good for YR/1 counting odd, even numbers, more/less - days of the week Can be used with KS2 or KS3 children for work on area and perimeter, problem solving and developing systematic ways of working
Counting mazes	Juliet & Charles Snape	9780744582604									Many	Problem solving
Egg Drop	Mini Grey	9780099432036	Top choice								Many	A great story with lots of mathematics and other curriculum arears woven in
Poems to count on	Sandra Liatos	9780590603409									Many	Poems that tackle different mathematical concepts with activity ideas
What's In The Shop?	Allan Ahlberg & Colin McNaughton	9780744554854									Many	Opportunities are provided for counting, adding together, using the + and = symbols and opposites
Two Little Eyes and Other Action Rhymes	Carol Thompson	9780744568202									Many	Collection of number rhymes which covers the concepts of counting, size, shape, position and time, many can be acted out or used as finger rhymes
Mouse Moves House Activity Book	Nick Sharratt	9780744568264									Many	Puzzles involving thinking logically, spotting differences and using mazes. Games aiding spatial awareness, probability and strategy skills
Maths for Mums & Dads	Rob Easterway & Mike Askew	9780224086356	Top choice								Many	A very useful book for parents who want to understand the mathematics their children are doing. Includes ideas for sharing mathematics together
What's In A Number? A Collection of Poems	Sue Heap	9780763609559									Many	Big numbers are explored in real life contexts, as are the four operations of + - x and ÷, with a problem solving element
The number devil	Hans Magnus Enzenberger	9781847080530									Many	Mathematical fairytale covering a range of concepts. Pascal's triangle, Triangular numbers
Maths Curse	Jon Scieszka & Lane Smith	9780670866311	Top choice								Many	Covering most aspects of mathematics in a humorous way that encourages problem solving
The Man who Counted	Malba Tahan	9780393309348	Top choice								Many	An exotic journey in which time and again, the main character uses his extraordinary mathematical powers to settle disputes
Einstein the girl who hated maths	John Agard & Satoshi Kitamura	9780750242882									Many	Poems that tackle range of mathematical concepts
The phantom tollbooth	Norton Juster	9780007263486									Many	Great story – on his journey Milo visits Digitopolis
Using Maths - Be a Stuntman	Wendy Clemson & Joss Gower	9781860075469									Many	Mathematics in a real life context
Using Maths - Zoo Vet	Wendy Clemson & Joss Gower	9781860075476									Many	Mathematics in a real life context
Using Maths - Solve a crime	Wendy Clemson & Joss Gower	9781860075483									Many	Mathematics in a real life context
Using Maths - Fly a jumbo jet	Wendy Clemson & Joss Gower	9781860075452									Many	Mathematics in a real life context
Using Maths - Extreme sports challenge	Wendy Clemson & Joss Gower	9781860075551									Many	Mathematics in a real life context
Where's Wally?	Martin Handford	9781406305890									Many	A search on each page for Wally and his friends and a host of other things too. Spotting the differences between hundreds of drawings encourages concentration, persistence, detailed observational skills and patience
Where's Wally? The Wonder Book	Martin Handford	9781406313239									Many	See Where's Wally?
Where's Wally Now?	Martin Handford	9781406313208									Many	See Where's Wally?
Where's Wally? 3 – The Fantastic Journey	Martin Handford	9781406313215									Many	See Where's Wally?
Where's Wally? In Hollywood	Martin Handford	9781406313222									Many	See Where's Wally?
Turtle Quest	Piers Harper	9780744560831									Many	A very motivating book for children to test their observation and problem-solving skills
Walter's Windy Washing Line	Neil Griffiths	9780954535308									Many	Within the pictures of this story there are many opportunities to explore a range of mathematical areas

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What's the Time Mr Wolf?	Colin Hawkins	9781409304739								Measures	Time (clock)
Mr Wolf's Week	Colin Hawkins	9781405207089								Measures	Days of the week
The Bad Tempered Ladybird	Eric Carle	9780140503982								Measures	Size and reading of time
Five Minutes Peace	Jill Murphy	9781844285396								Measures	Passage of time
On Friday Something Funny Happened	John Prater	9780099184416								Measures	Days of the week
Katy Morag and the birthdays	Mairi Hedderwick	9780099464266								Measures	Months and calendars
Jasper's beanstalk	Nick Butterworth & Mick Inkpen	9781844562626								Measures	Days of the week, measuring
You'll Soon Grow Into Them, Titch	Pat Hutchins	9780688158521								Measures	Vocabulary related to length, comparisons
Titch	Pat Hutchins	9780099262534								Measures	Size
Time To Get Up	Gill McLean	9781870516112								Measures	Days of week, time
Grandpa	John Burningham	9780099434085								Measures	Passage of time
Sunshine	Jan Ormerod	9781845073909								Measures	Time picture book
Tall Inside	Jean Richardson & Alice Englander	416031129								Measures	Size
Six Feet Long And Three Feet Wide	Jeannie Billington & Nicola Smee	9780744568004								Measures	The need for standard measurement is introduced, children will learn about the concept of measurement and the importance of accuracy
Cluck o'clock	Kes Gray	9781444900132								Measures	Time – o'clock, minutes
The Time It Took Tom	Nick Sharratt	9781888444636								Measures	Simple relationship between units of time
Jessie's Flowers	Ron Bacon	9780790115436								Measures	Time, day and night, sequencing
The Best Bug Parade	Stuart Murphy	9780064467001								Measures	Comparing sizes
Actual size	Steve Jenkins	9781845075668	Top choice							Measures	Measures – length - mass
Prehistoric Actual Size	Steve Jenkins	9781845078201	Top choice							Measures	Measures – length - mass
Sir Cumference and the Dragon of Pi	Cindy Neuschwander	9781570911668								Measures	Pi
The man who walked between the towers	Maud Gerstein	9780312368784	Top choice							Measures	Y6/7 metric/imperial measures
Mr Archimedes' bath	Pamela Allen	9780140501629								Measures	Capacity, problem solving
Who sank the Boat?	Pamela Allen	9780140509403								Measures	Comparing size and weight of different animals
Jim and the Beanstalk	Raymond Briggs	9780140500776								Measures	Size, need to measure, scale for older children
Master Money The Millionaire	Allan Ahlberg	9780140312461								Money	Money
The Great Pet Sale	Mick Inkpen	9780340918173								Money	Money
Dogger	Shirley Hughes	9781862308053								Money	Money
The Shopping Basket	John Burningham	9780099899303								Money	Going to the shops, could be used to explore this context and other areas of mathematics
One smiling grandma	Anne Marie Linden & Lynne Russell	9780803711327								Number	Caribbean counting book 1 to 10
Many Hands Counting Book	Brita Granstrom	9780744548945								Number	Counting in numerical order from one to ten. A page at the back displays an abacus, introducing the concept of number bonds to ten and extension ideas are listed for parents
Ten Black Dots	Donald Crews	9780061857799	Top choice							Number	Counting to 10 and total number of dots
Abu Ali Counts His Donkeys: A Folkale From The Middle East	Dorothy O Van Woekom & Harry Horse	9780744568257								Number	Very useful for conservation of numbers to 10 and the opportunity to practise counting in different groupings
1, 2, 3 to the zoo	Eric Carle	9780140509267								Number	Very simple counting – 1 to 10
Monster Math	Grace Maccarone	9780590227124								Number	Counting backwards from 12
Ten Sleepy Sheep	Holly Keller	9780688023065								Number	Counting
When one cat woke up	Judy Astley	9780803707825								Number	Cat counting book 1 to 10
One Child One Seed	Kathryn Cave	9780711219106								Number	Counting to 10.
Nonsense counting rhymes	Kaye Umansky & Chris Fisher	9780199109951								Number	Lots of numbers and mathematical language
We all went on safari	Laurie Krebs & Julia Cairns	9781841487823								Number	Counting
Over in the Meadow: A Counting Rhyme	Louise Voce	9780735818712								Number	A traditional counting rhyme from one to ten, the last pages show all the animals in sequence with numerals to match
1 Hunter	Pat Hutchins	9780688065225								Number	Counting (1-10)
How many snails?	Paul Giganti Jr	9780688136390								Number	Counting items in the pictures
Ten in the Bed	Penny Dale	9781406300352								Number	The traditional number rhyme starting with ten and the opportunity to count forwards and reinforce the number sequence to ten, as well as use of positional language
Ten out of Bed	Penny Dale	9781406328844								Number	A sequel to Ten in the Bed giving experience of partitioning the number ten (one and nine, two and eight etc)
One Duck Stuck	Phyllis Root & Jane Chapman	9780744581072								Number	A counting rhyme book with an opportunity at the end taking children into "big numbers"
Mister Magnolia	Quentin Blake	9780099475651								Number	Pairs (odd/even)
Cockatoos	Quentin Blake	9780099964902								Number	Counting to 10
How Many?	Rick Walton & Cynthia Jabar	9780744532043								Number	Counting practice from one to twelve including at the end, observational questions encouraging children to go back and find other groups of objects on each page
Ten Seeds	Ruth Brown	9780862648497								Number	Counting backwards from 10
Nine Ducks Nine	Sarah Hayes	9780744520187								Number	A counting-back rhyme book, positional language is reinforced along with number names but no numerals are used
Is there room on the bus?	Helen Piers & Hannah Giffard	9780711209510								Number	A round-the-world counting story that has the potential to be the basis of problem solving
Counting Birds	Alice Melvin	9781854378552	Top choice							Number	Count the birds from 1 - 20 and see the passage of time across a day
One Is a Snail Ten Is a Crab	April Pulley Sayre	9781844281640	Top choice							Number	Counting by feet to 100
Twenty-four robbers	Audrey Wood	9781904550358								Number	Counting
Out for the count	Kathryn Cave & Chris Riddell	9781845075392								Number	A counting adventure – good for estimation as contains collections of larger numbers
Cheerios Count to 100	Justine Fontes & Carolyn Croll	9780439773591								Number	Counting to 10, then multiples of 10 to 100. Good use of pattern to support understanding
The Cheerios Counting Book	Barbara Barbieri McGrath, Rob Bolster & Frank Mazzola	9780590683579								Number	Counting to 10, then multiples of 10 to 100. Good use of pattern to support understanding
One Dragon's Dream	Peter Pavey	9780763644703	Top choice							Number	Counting from 1 to 10 with a difference ... How many things can you find seven of on the '7' page?
Five Little Ducks	Ian Beck	9781846165795								Number	Concept of 'less one'
The King's Commissioners	Aileen Friedman	9780590489898								Number	Counting in 2, 5, 10
Eric the Red	Caroline Glicksman	9780099439233								Number	A mathematical adventure - counting story about a bear who loves numbers
Eric and the red planet	Caroline Glicksman	9780370328256								Number	A space adventure with numbers
How big is a million?	Anna Milbourne	9780746077696								Number	Shows a child visually how big 10, 100, 1000 and 1000000 are
How much is a million?	David Schwartz & Steven Kellogg	9780688099336								Number	What does 1 million look like? How long does it last?

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