Mathematical Texts

Recommended by the West Sussex Mathematics Team

This version updated: Nov-10

Title	Author	ISBN	Favourites	•	2 KS 3		fult Main area	Brief Notes
The Doorbell Rang	Pat Hutchins	978688131012	ravoantes				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 A remainder of one	Elinor Pinczes & Bonnie	9780439798549 9780395694558	Top choice				Calculation Calculation	Doubling to 512 Division with remainders – arrays, factors
One hundred hungry ants	Mackain Elinor Pinczes & Bonnie	9780395971239	Top choice				Calculation	Factors, arrays, division
	Mackain Vicki Churchill Greg Tang & Harry	9781862332140 9780439210461					Calculation Calculation	Doubling to 20, multiplying by 2 Riddles that encourage mathematical thinking and a
12 ways to get to 11	Briggs Eve Merriam & Bernie	9780689808920					Calculation	range of mental strategies Considers different ways to partition 11 Beware -
Math-terpieces	Karlin Greg Tang & Greg	9780439443883					Calculation	some contexts are a little misleading, but the basic idea is good Simple problems inspired by works of art,
Matri-terpieces	Paprocki	9760439443663					Calculation	unfortunately there is little variation in the types of problem included
The King's Chessboard	David Birch	9780140548808				Ш	Calculation	Indian tale – multiplication, doubling to high numbers, problem solving
The Great Divide 2X2=B00!	Dayle Ann Dodds Loreen Leedy	9780744556247 9780823412723					Calculation Calculation	Halving from 80 Multiplication to 5X5
	Mitsumasa Anno Masaichiro &	9780698116184 9780370309583	Ton shoise				Calculation	Doubling Multiplication – factorials – Could be used in different
jar	Mitsumasa Anno		Top choice				Calculation	ways with pupils across the age range
	Pat Hutchins Rosemary Reuille Irons	9780688052515 9780732708986					Calculation Calculation	Number Story (factors of 12) 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 Stay in Line	Stuart Murphy Teddy Slater	9780064467100 9780590227131		+		+	Calculation Calculation	Division of 11 with addition to make 12 Division of 12
Halving Fun with Buster Bug	Vicki Churchill	9781862332195					Calculation	Dividing by 2 from 20, halving, interactive
The tiny Seed Mr Wolf's pancakes	Eric Carle Jan Fearnley	9780140557138 9781405238724			_		Many Many	Seasons, counting etc Good for addition, subtraction, division, weighing,
The Shopping Basket	John Burningham	9780099899303					Many	money and using and applying 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 365 Penguins	Emily Gravett Jean-Luc Fromental &	9780330503976 9780810944602	Top choice		-		Many	Based on Fibonacci but there are lots of ideas that can be explored Counting to 365 and all sorts of other aspects such a
505 rengums	Joelle Jolivet	3700010344002	тор спосе				riany	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
Counting mazes	Juliet & Charles Snape	9780744582604					Many	systematic ways of working Problem solving
Egg Drop	Mini Grey	9780099432036	Top choice				Many	A great story with lots of mathematics and other
Poems to count on	Sandra Liatsos	9780590603409					Many	curriculum arears woven in 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,
Mouse Moves House Activity Book	Nick Sharratt	9780744568264					Many	many can be acted out or used as finger rhymes Puzzles involving thinking logically, spotting differences and using mazes. Games aiding spatial
Maths for Mums & Dads	Rob Easterway & Mike Askew	9780224086356	Top choice				Many	awareness, probability and strategy skills A very useful book for parents who want to understand the mathematics their children are doing.
What's In A Number? A Collection of Poems	Sue Heap	9780763609559					Many	Includes ideas for sharing mathematics together Big numbers are explored in real life contexts, as are the four operations of + - x and ÷, with a problem
The number devil	Hans Magnus	9781847080530			-		Many	solving element Mathematical fairytale covering a range of concepts.
	Enzenberger Jon Scieszka & Lane	9780670866311	Top choice	-			Many	Pascal's triangle, Triangular numbers Covering most aspects of mathematics in a
The Man who Counted	Smith Malba Tahan	9780393309348	Top choice				Many	humourous way that encourages problem solving An exotic journey in which time and again, the main
Einstein the girl who hated	John Agard & Satoshi	9780750242882			-		Many	character uses his extraordinary mathematical powers to settle disputes Poems that tackle range of mathematical concepts
maths	Kitamura						•	
	Norton Juster Wendy Clemson & Joss	9780007263486 9781860075469					Many Many	Great story – on his journey Milo visits Digitopolis Mathematics in a real life context
Using Maths - Zoo Vet	Gower Wendy Clemson & Joss	9781860075476				\vdash	Many	Mathematics in a real life context
Using Maths - Solve a crime	Gower Wendy Clemson & Joss Gower	9781860075483				\Box	Many	Mathematics in a real life context
	Wendy Clemson & Joss Gower						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
Book	Martin Handford	9781406313239					Many	See Where's Wally?
Where's Wally Now? Where's Wally? 3 - The Fantastic	Martin Handford	9781406313208 9781406313215					Many Many	See Where's Wally? See Where's Wally?
Where's wally? 3 – The Fantastic Journey							Many	See Where's Wally?
	Martin Handford	19/8140h313///						
Where's Wally? In Hollywood Turtle Quest	Martin Handford Piers Harper Neil Griffiths	9781406313222 9780744560831 9780954535308					Many	A very motivating book for children to test their observation and problem-solving skills Within the pictures of this story there are many

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Title	Author	ISBN	Favourites	EY FS	KS 1	KS 2	KS 3	KS 4	Adult	Main area	Brief Notes
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	John Prater	9780099184416								Measures	Days of the week
Happened Katy Morag and the birthdays	Mairi Hedderwick	9780099464266								Measures	Months and calendars
Jasper's beanstalk	Nick Butterworth &	9781844562626								Measures	Days of the week, measuring
Sasper o Seanstain	Mick Inkpen	3701011302020								. icasarcs	bays or the week, measuring
You'll Soon Grow Into Them,	Pat Hutchins	9780688158521								Measures	Vocabulary related to length, comparisons
Titch											, , , ,
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	Jeannie Billington &	9780744568004								Measures	The need for standard measurement is introduced,
Wide	Nicola Smee	3700744300004								riedsures	children will learn about the concept of measurement
Wide	Wicold Silice										and the importance of accuracy
Cluck o'clock	Kes Gray	9781444900132								Measures	Time – o'clock, minutes
The Time It Took Tom		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	Cindy Neuschwander	9781570911668								Measures	Pi
of Pi The man who walked between	Maud Gerstein	9780312368784	Top choice							Measures	Y6/7 metric/imperial measures
the towers	Iriduu Gerstein	3700312300704	TOP CHOICE							riedsures	170/7 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				\sqcup				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
One smiling grandma	Anna Maria Lindon 9	9780803711327								Number	context and other areas of mathematics Caribbean counting book 1 to 10
One smiling grandma	Anne Marie Linden & Lynne Russell	9/80803/1132/								Number	Canbbean counting book 1 to 10
Many Hands Counting Book	Brita Granstrom	9780744548945								Number	Counting in numerical order from one to ten. A page
riany riands counting book	Ditta Granstrom	3700744340343								Number	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	Dorothy O Van	9780744568257								Number	Very useful for conservation of numbers to 10 and the
Folktale From The Middle East	Woekom & Harry Horse										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 Ten Sleepy Sheep	Grace Maccarone Holly Keller	9780590227124 9780688023065								Number Number	Counting backwards from 12 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		9780199109951								Number	Lots of numbers and mathematical language
,	Fisher										
We all went on safari	Laurie Krebs & Julia	9781841487823								Number	Counting
	Cairns										
Over in the Meadow: A Counting	Louise Voce	9780735818712								Number	A traditional counting rhyme from one to ten, the last
Rhyme											pages show all the animals in sequence with
1.11	Dat Hutabia	07000000000								Ni	numerals to match
1 Hunter How many snails?	Pat Hutchins Paul Giganti Jr	9780688065225 9780688136390								Number Number	Counting (1-10) Counting items in the pictures
Ten in the Bed	Penny Dale	9781406300352								Number	The traditional number rhyme starting with ten and
Ten in the Bea	l cility bale	3701100300332								- Tannoci	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	9780744581072								Number	A counting rhyme book with an opportunity at the
Mistor Magnelia	Chapman Overstin Blake	0700000475651								Number	end taking children into "big numbers"
Mister Magnolia Cockatoos	Quentin Blake Quentin Blake	9780099475651 9780099964902								Number Number	Pairs (odd/even) Counting to 10
How Many?		9780744532043								Number	Counting to 10 Counting practice from one to twelve including at the
· ·	Jabar									-	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	9780711209510								Number	A round-the-world counting story that has the
and a room on the bus!	Giffard	5,00,11203310								umbei	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		9781844281640	Top choice							Number	Counting by feet to 100
Twenty-four robbers		9781904550358								Number	Counting
Out for the count		9781845075392								Number	A counting adventure – good for estimation as
Chaorias Count to 100	Riddell	0790420772504								Number	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	9780590683579								Number	Counting to 10, then multiples of 10 to 100. Good
Chechos counting book	McGrath, Rob Bolster &	5,000,000,000								umbei	use of pattern to support understanding
ĺ	Frank Mazzola										parametra apport and a standing
One Dragon's Dream	Peter Pavey	9780763644703	Top choice							Number	Counting from 1 to 10 with a difference How many
	<u> </u>								<u></u>		thngs 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
Evic and the and along	Carolina Cli-li-	0780370330356		-						Number:	bear who loves numbers
Eric and the red planet	Caroline Glicksman Anna Milbourne	9780370328256		-						Number	A space adventure with numbers Shows a child visually how big 10, 100, 1000 and
How big is a million?	Anna minourne	9780746077696								Number	1000000 are
How much is a million?	David Schwartz &	9780688099336								Number	What does 1 million look like? How long does it last?
	Steven Kellogg										
	,										<u> </u>

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Nigel's numberless world	Lucy Coats & Neal Layton	9780751372281								Number	Real life contexts – why are numbers so important - What if there were no numbers?
Centipede's 100 shoes	Tony Ross	9781842702840					_			Number	Multiplication and division and problem solving
The Twins: Two by Two	Catherine & Laurence	9780744560688				-				Number	Counting in twos with a personal and social element
<u> </u>	Anholt										about bedtime and fears
Handa's surprise	Eileen Brown	9781406323979								Number	Good for Y1 + 2 - Ordinal Numbers, Subtraction
Sea Squares	Joy Hulme	9781562825201								Number	Square numbers
The Nickle Nackle Tree	Lynley Dodd	9780141501307								Number	Counting and Adding
The Boy who was Followed Home	Margaret Mahy	9780749700942								Number	Counting and Adding
More and more rabbits	Nicholas Allan	9780099477587								Number	Lots of counting
To Bedor Else	Ewa Lipniacka	9781854303899								Number	Fractions expand the time, two, two and a half
Rocket Countdown	Nick Sharratt	9781406322248								Number	A lift-the-flap and pull-the-tab interactive counting
Rocket Countdown	Wick Sharrace	3701400322240								Ivambei	book which helps children count back from ten to one
Don't Forget the Bacon	Pat Hutchins	9780099413981								Number	A young boy sets out with a shopping list but gets in a muddle with his numbers and counting
Growing Patterns: Fibonacci	Sarah Campbell and	9781590787526	Top choice							Number	A photographic journey through the world of
Numbers in Nature	Richard Campbell	3761330767328	Top choice							Trainsei	Fibonacci Numbers, firstly in flowers then in fir cones, pineapples and other natural contexts. A great starting point for discussion.
Mr Gumpy's Outing	John Burningham	9780099408796								Number	Understanding the concept of 'one more'
Wayne's New Shape	Calvin Irons	9780732714055								Shape & space	Solid shape
My Cat Likes To Hide In Boxes	Eva Sutton & Lynley Dodd	9780140502428								Shape & space	Solid shape
A Triangle for Adaora	Ifeoma Onyefulu	9781845077389						\vdash		Shape & Space	Shapes in the environment
The Greedy Triangle	Marilyn Burns	9780590489911								Shape & Space	Properties of 2D shapes
The greedy triangle	Marilyn Burns &	9780545042208								Shape & space	Polygons
Sir Cumference and the Knights of the First Round Table	Gordon Silveria Cindy Neuschwander	9781570911521								Shape & Space	2D shapes; radius, diameter and circumference of a circle
The Shape of Things	Dayle Ann Dodds	9780613000567								Shape & Space	Shapes in the environment. Learning to name common 2D shapes and relating them to everyday things
The Silly Story of Goldie Locks	Grace Maccarone	9780590543446								Shape & Space	2D shapes
and the Three Squares Journey through Islamic art	Na'ima bint Robert & Diana Mayo	9781844443321								Shape & space	Shape, symmetry
Inside, Outside, Upside Down	Stan & Jan Berentain	9780007224838								Shape & space	Positional language
Grandfather Tang's Story	Ann Tompert	9780517885581									A story told with Tangrams
	Marilyn Burns & Debbie		Tb-:							Shape & space	A humourous story that will get children thinking
Spaghetti and Meatballs for All!	Tilley	9780343044433	Top choice							Shape & space	about area and perimeter (and other areas of mathematics too)
The Six Blind Men And The Elephant: An Indian Story	Clare Boucher and Rachel Merriman	9780744568073									Good use of mathematical language and an introduction to "feely bag" games, identifying objects by touch encouraging comparisons to identify similarities and differences
No Problem	Eileen Browne and David Parkins	9780744568066									A good introduction to prediction and problem-solving as well as covering aspects of design and technology
Blockhead: The Life of Fibonacci	Joseph D'Agnese and	9780805063059									A picture book biography of the Italian mathematician
	John O'Brien										Leonardo Fibonacci