

## CHILDREN'S BOOKS WHICH EXPLORE MATHEMATICAL CONCEPTS

The books listed here have been loosely arranged according to the mathematical concepts they explore. Most books will fit into more than one category. This list is by no means comprehensive!

### SORTING, CLASSIFYING & PATTERNING

AHLBERG, J		The Baby's Catalogue	
ANNO, Mitsumasa		Anno's Aesop	
ANNO, Mitsumasa		Anno's Flea Market	
ANNO, M	(1994)	Anno's Magic Seeds	
ARMITAGE, D & R		Grandma Goes Shopping	
BAKER, Keith		Hide + Snake	
CANNON, Jannell	(1993)	Stellaluna	Harcourt
CARLSON, Nancy		Harriet's Halloween Candy	
DODDS, Siobhan		Elizabeth Hen	
FREEMAN, Don		Corduroy	
GRAHAM, John		A Crowd of Crows	
		Grandma Goes Shopping	
		A Day On The Avenue	
HUTCHINS, Pat		Changes, Changes	
HOBAN, Tana		Is it Red? Is it Yellow? Is It Blue?	
HOBAN, Tana		Is it Rough? Is it smooth? Is It Shiny?	
HOBERMAN, Mary Ann		A House Is A House For Me	
LOBEL, Arnold		Frog and Toad are Friends	
MAYER, Mercer		Just a Mess	
OCKENGA, Starr		World of Wonders, A Trip Through Numbers	
KEENAN, Sheila	(1997)	More or Less a Mess!	Scholastic
KENT, Jack		The Twelve days of Christmas	

MACCARTHY, Patricia		Ocean Parade	
MAHY, Margaret		When The King Rides By	
MCMILLAN, Bruce		Growing Colours	
PIENKOWSKI, Jan		Sizes	
PLUCKROSE	(1988)	Pattern	
REID, Margarette	(1990)	The Button Box	Dutton
SLOBODKINA, Esther		Caps For Sale	
SPIER, Peter		People	
SPEIR, Peter		CRASH! BANG ! BOOM!	
STINSON, Kathy		Those Green Things	
SMYTH, Gwenda		A Pet For Mrs Arbuckle	
VICTORIAN READERS		King Kaid of India	

**COUNTING/SUBITISING**

AKER, Suzanne	(1990)	What Comes In 2's, 3's, 4's? Aladdin	
ANNO, Mitsumasa	(1977)	Anno's Counting Book	Crowell
ANNO, Mitsumasa		Anno's Flea Market	
BANG, Molly	(1983)	Ten, Nine, Eight	Greenwillow
BAYLEY, Nicola	(1977)	One Old Oxford Ox	Atheneum
BROWN, Ruth		Ladybug, Ladybug	
BURNINGHAM, John		The Shopping Basket	
		Phoebe and the Hot Water Bottle	
		Ten Apples Up On Top	
		The Hilton Hen House	
		Something Absolutely Enormous	
CARLE, Eric		The Very Hungry Caterpillar	
		Teddybears Go Shopping	
		When We Went to the Park	
		Goldilocks and the Three Bears	

		A Bagful Of Pups	
		The Grouchy Ladybug	
		The Bad Tempered Ladybird	
		When the King Rides By	
CARLE, Eric	(1999)	Rooster's off to see the World	Simon & Schuster
		The 1, 2,3 to the Zoo	
CAVE, K	(2002)	One child One seed A South African Counting Book	Great Britain: Frances Lincoln
CAVE & RIDDELL		Out for the Count	
CHWAST, S	(1971)	Still another number book	McGraw-Hill
CLEMENT, Rod	(1990)	Counting on Frank	Angus & Robertson
CREWS, D	(1986)	Ten Black Dots	Greenwillow
DALE, P	(1988)	Ten in a Bed London:	Walker Books
DEE	(1998)	Two Ways to Count to Ten	
DE REGNIERS, B	(1985)	So Many Cats!	Clarion Books
FEELINGS, Muriel	(1971)	Moja means One	Dial Press
FEHR,Howard	(1964)	If You Can Count To 10	Holt, Reinhart
FREIDMAN, Aileen	(1994)	The King's Commissioners	Scholastic
GAG, Wanda		Millions of Cats	
GIGANTI, Paul	(1988)	How Many Snails?	Greenwillow
HARRIS		100 Days Of School	
HARSHMAN, Marc	(1993)	Only One	Cobblehill Books
HAWKINS, Colin	(1990)	When I was one	Viking
HOBAN, Tana	(1987)	26 Letters & 99 cents	Greenwillow
HUTCHINS, Pat	(1982)	One Hunter	Greenwillow
Hutchins, Pat	(2000)	Ten Red Apples	London: Red Fox
		The Doorbell Rang	
KEATS, Ezra	(1972)	Over in the Meadow	Four Winds Press
KITAMURA, S	(1986)	When Sheep Cannot Sleep	Farrar Strauss & Giroux
LESLIE, Susan		Five in Bed	
LIMMER, Milly	(1991)	Where will you swim tonight?	Whitman

LORD		The Giant Jam Sandwich	
MAHY, Margaret		When the King Rides By	
MARTIN, Bill	(1987)	Knots on a Counting Rope	Holt
McKISSACK	(1992)	A Million Fish...More or Less	
MOROZUMI, Atusko	(1990)	One Gorilla : A Counting Book	Farrar, Strauss & Giroux
NIKOLA-LISA, W	(1991)	1,2,3 Thanksgiving	Morton Grove
PARISH, Steve	(1998)	123 of Australian Wildlife	Queensland : Steve Parish Publishing
PAVEY		One Dragon's Dream	
ROOT, P	(1999)	One Duck Stuck	London: Walker Books
SAYRE & SAYRE	(2004)	One is a Snail Ten is a Crab	Walker books
SCHWARTZ , David	(1999)	On Beyond a Million	Random House
SIERRA		Counting Crocodiles	
SLOBODKINA,E	(1947)	Caps For Sale	W R Scott
STRAW, W	(2001)	5 Little Ducks	Melbourne:Borghesi and Adam Publishers
TOFT		One Less Fish	
TAFURI,Nancy	(1986)	Who's Counting	Greenwillow
TESTA, Fulvio	(1982)	If You Take A Pencil	Dial Press
WALSH, Ellen	(1991)	Mouse Count	Harcourt Brace
WILD, Margaret		Something Absolutely Enormous	
WILLIAMS		Five Little Monsters	

### **ADDITION & SUBTRACTION**

ALLEN, Pamela		Alexander's Outing	
BOLTON, Faye		The Greedy Goat	
BURNINGHAM, John		The shopping Basket	
CARTER, Jackie		Knock, Knock	
CLEMENT, R	(1990)	Counting on Frank	North Ryde:NSW:Bluegum
GACKENBACH		A Bag Full of Pups	
GIGANTI	(1998)	How many Snails?	

HINCHCLIFFE, Jo		The Hilton Hen House
INKPEN, Mick		Kipper's Toybox
LEWISON, W		Buzz Said the Bee
MUNSCH	(1987)	Moir's birthday
MURPHY		Five Little Monkeys Jumping on the Bed
PARKES, Brenda		The Billy Goats Gruff
PFISTER, Marcus		The Rainbow Fish
RANDELL		Ten Little Swimming Crabs
SAYRE & SAYRE		One is a Snail
SMITH, Judith		The Enormous Watermelon
WINER		Mr Brown's Magnificent Apple Tree

### MULTIPLICATION AND DIVISION

ANNO, M & ANNO, M	(1983)	Anno's Mysterious Multiplying Jar	New York:Putnan & Grosser Group
CROSSLEY-HOLLAND		Under the Sun and Over the Moon	
DODDS, D.A & MITCHELL, T	(2000)	The Great Divide: A Mathematical Marathon	London: Walker
FRAME, SUSAN		Shoes in Twos	Sunshine Mulitmedia
GIGANTI	(1992)	Each Orange had 8 slices	
HOBAN	(1981)	More Than One	
HUTCHINS, Pat	(1986)	The Doorbell Rang	London: Penguin
IRONS, Calvin		The Giant's Toy Store	Mimosa Shorthand
LOSI		The 512 Ants on Sullivan Street	
MAHY, Margaret	(1987)	Seventeen Kings and 42 Elephants	Dial books for Young Readers
MATHEWS		Bunches and Bunches of Bunnies	
MUNSCH	(1987)	Moir's birthday	
MURPHY		Too Many Kangaroo Things to Do	
NEUSCHWANDER, C	(1998)	Amanda Bean's Amazing Dream	Scholastic Press
ROCKLIN		One Hungry Cat	
VICTORIAN READERS		King Kaid of India	

**FRACTIONS**

ANNO, Mitsumasa	(1983)	Anno's Mysterious Multiplying Jar	Philomel
MCMILLAN, Bruce	(1991)	Eating Fractions	Scholastic
LEEDY, Loreen	(1994)	Fraction Action	Holiday House
MATHEWS	(1979)	Gator Pie	
MURPHY, M	(2001)	All the Little Ones and a Half	
MURPHY, Stuart	(1996)	Give Me Half!	HarperCollins
MELTZER KLEINHENZ, S	(1997)	More For Me	Scholastic
COMBER, B	(1987)	Dad's Diet	Martin Educational

**SPACE**

ALLEN, Pamela	(1985)	A Lion in the Night	Puffin
ALLEN, Pamela	(1985)	Mr Archimedes Bath	Puffin
CARLE, Eric	(1985)	The Very Busy Spider	Hamish Hamilton
JONAS, A	(1983)	Round Trip	Julia MacRae
MICKLETHWAIT, L	(2004)	I spy Shapes in Art,	London: Harper Collins
NICHOLSON, John	(2000)	Building the Sydney Harbour Bridge	Allen & Unwin

**MEASUREMENT**

BURNS, Marilyn	(1997)	Spaghetti and meatballs for all	Scholastic
HUTCHINS, Pat	(1984)	Happy Birthday Sam	Puffin
VIORST, Judith	(1978)	Alexander Who Used To Be Rich Last Sunday	Atheneum
ANNO, M	(1986)	All In A Day	Bodley Head
ALLEN, Pamela	(1982)	Who Sank The Boat	Puffin
ANOLT, L	(2001)	Knee High Nigel	London: Walker Books
BILLINGTON, J & SMEE, N	(1999)	Six Feet Long and Three Feet Wide	London: Walker Books

CARLE, Eric	(1977)	The Bad Tempered Ladybird	London: Puffin Books
CARLE Eric	(1970)	The Very Hungry Caterpillar	London: Penguin
CLEMENT	(1991)	Counting on Frank	Angus & Robertson
EDWARDS, P & SELWAY, M	(1992)	Fred Makes a Table	Melbourne: Longman Cheshire
HINDLEY, J & CHAMBERLAIN, M	(1993)	A piece of string is a wonderful thing	London: Walker
HOL, C	(2000)	The Birth of the Moon	New York: North-South Books
HUTCHINS, Pat	(1997)	Shrinking Mouse	London: Red Fox
MYLLER, R	(1962)	How Big is a Foot?	New York: Dell Yearling
PIPE, J	(2001)	Big and Small	London: Aladdin Books
SCHWARZ	(1999)	If you Hopped Like a Frog	
WELLS, R,E	(1995)	Is the Blue Whale the Biggest Thing there is?	London: Watts Books

### **POEMS AND RHYMES**

VULLIAMY, C	(1999)	If I were Bigger than Anyone and other poems	London Walker Books
DUNN, O & GON, A	(2003)	Number Rhymes to say and play	London: Frances Lincoln Limited
NEWCOMBE, Z	(2003)	Five Little Monkeys: Over 50 action and counting rhymes.	London: Walker Books
NEWCOMBE, Z	(2004)	Ten in the Bed and other Counting Rhymes.	London: Walker Books

### **CHANCE**

CUSHMAN	(1991)	Do You Wanna Bet? Your Chance to find out about probability	
LOBAL	(1970)	Frog & Toad are Friends	
ASH	(1996)	Incredible Comparisons	

### **TEACHER REFERENCE**

BURNS, Marilyn	(1992)	Math and Literature (K-3) Book 1	Math Solutions Publications
SHEFFIELD, Stephanie	(1995)	Math and Literature (K-3) Book 2	Math Solutions Publications
Griffiths, R and Clyne, M	(1990)	More Than Just Counting Books Curriculum Challenges for Children,	Thomas Nelson Australia.
Griffiths, R and Clyne, M	(1988)	Books You Can Count On Linking Mathematics and Literature,	Thomas Nelson Australia.