

## Picture books for enhancing maths learning



Name	Author(s)	Fiction / NF	Description	Key Stage
365 Penguins	Jean-Luc Fromental	F	<b>Counting, Addition &amp; Subtraction</b> - This book is fun & filled with challenging math concepts. On New Year's Day, a family receives an anonymous penguin every day for 1 year. The family tries to organise them, feed them & fit them into their household, but it becomes overwhelming!	KS1
How Big is a Million?	Anna Milbourne & Serena Riglietti	F	<b>Big Numbers</b> - Pipkin the smallest penguin sets off to find out how big is a million. Along the way he meets a hundred penguins, sees a thousand snowflakes and meets one new friend before being amazed to finally find out how big a million really is. A special fold-out poster at the end of the book is printed with exactly one million stars. A lovely story that makes it much easier to visualise large numbers.	KS1/2
Inch by Inch	Leo Lionni	F	<b>Measurement</b> - A small green inch worm is proud of his skill at measuring anything. Then one day a nightingale threatens to eat him if he cannot measure his song. Children will enjoy the clever inchworm's solution.	EYFS/KS1
One Is a Snail Ten Is a Crab	April Pulley Sayre & Jeff Sayre	F	<b>Addition &amp; Multiplication</b> - If one is a snail, and two is a person ... we must be counting by feet! Great introduction to counting and multiplication with big feet and small – on people and spiders, dogs and insects, snails and crabs – from one to one hundred!	EYFS/KS1
Spaghetti and Meatballs for All! A Mathematical Story	Marilyn Burns	F	<b>Area &amp; Perimeter</b> - Mr. and Mrs. Comfort invite their family over for spaghetti and meatballs, but they must keep rearranging the tables so that everyone has somewhere to sit.	KS1/2
How much does a ladybird weigh	Alison Limentani	NF	<b>Numbers &amp; Weights</b> - Have you ever wondered how much a ladybird weighs? A snail or a rabbit? This extraordinary picture book introduces a fascinating world of numbers and weights in the most original way.	EYFS/KS1
The Hueys in None the Number - A counting adventure	Oliver Jeffers	F	<b>Counting</b> - The Hueys have an important question about counting. They loved numbers 0,1,2,3... Wait! 0? Is 'none' a number? Join the Hueys for a counting conundrum! This lively pictorial debate makes numbers interesting & fun.	EYFS/KS1

The Lion's Share: A tale of halving cake & eating it, too	Matthew McElligott	F	<b>Halving &amp; Doubling</b> - Ant receives a special invitation to dine with Lion. During dessert, the other guests do not mind their manners, each one taking half of the remaining cake as it is passed around. By the time it reaches Ant, barely a crumb is left for her to share with the King! She promises to make up for it by baking another cake for the King, and not to be outdone, all the other animals in turn offer to make twice as many cakes as the next. By the time the hippo speaks up, he's to bake 256 peanut butter cakes! The maths concepts of halving and doubling have never been so much fun.	KS1/2
One Hundred Hungry Ants	Elinor J Pinczes	F	<b>Measurement &amp; Division</b> - 100 very hungry ants hurry to sample the delights of a picnic, but marching in single file seems too slow. The smallest ant suggests they travel in 2 rows of 50, 4 rows of 25... and the division begins	KS1/2
Anno's Mysterious Multiplying Jar	Masaichiro & Mitsumasa Anno	F	<b>Multiplication &amp; Division</b> - The concepts of factorials told in a very concrete & understandable way with beautiful illustrations.	KS2/3
Just a Second	Steve Jenkins	NF	<b>Concept of time</b> - What happens in just a second? A bat makes 200 high-pitched calls. A hummingbird beats its wings 50 times. A woodpecker hammers a tree trunk with its beak 20 times. A human can blink 7 times. A vulture in flight flaps its wings once. This nonfiction picture book explores the concept of time as a series of events in the natural world that take place in given units of time.	KS1/2/3
A Remainder of One	Elinor J Pinczes	F	<b>Multiplication &amp; Division</b> - An entertaining lesson in the concept of remainders. The blue bug queen "likes things tidy". When the bugs march 2 by 2, she notices that 1 bug brings up the rear. The unfortunate Joe has to stand aside rather than be a "remainder". Joe tries dividing the squadron into symmetrical rows of 3, 4 and eventually 5 when at last he's not left out of the parade.	KS1/2
Actual Size	Steve Jenkins	NF	<b>Measurement</b> - Just how big is a crocodile? What about a tiger? Can you imagine a tongue that is 2 feet long or an eye that is bigger than your head? Sometimes facts and figures don't tell the whole story. A visually stunning book where animals both large and small are illustrated at their actual size.	KS1/2