



# WCPS Maths Newsletter

Summer 2 2022

## Welcome to our maths newsletter!

Here at Wimbledon Chase we are very passionate about maths, not only learning in the classroom but also maths all around us.

Each of our newsletters will feature a maths event inside/ outside of school, a mathematician, a maths strategy that we teach in school, some EYFS, KS1 and KS2 maths challenges, top tips for helping your child at home and some maths book recommendations for you to enjoy with your child.

We hope that you enjoy the last issue of the term!

## Learning in School:

A few weeks ago, four of our year 5 children at Wimbledon Chase were invited to compete at the Cayley Maths Competition at Kings College School in Wimbledon. The competition was problem solving based with relay-style questions as well as a group task. The children represented the school brilliantly and came 12<sup>th</sup> out of 24 schools who attended.

The children worked very hard and we are all extremely proud of them!



## Helping Your Child at Home:

In the last issue, we told you about the White Rose Maths app called '1-Minute Maths'. This free resource is a quick and easy way to practise fluency skills (including number bonds and multiplication recall) from Nursery up to Year 6. The app has recently been updated to include more addition, subtraction, multiplication and division activities.

If you haven't already, we would highly recommend downloading this free app for some quick maths practice at home/ on the go.



## Shakuntala Devi:

### 'The Human Computer'

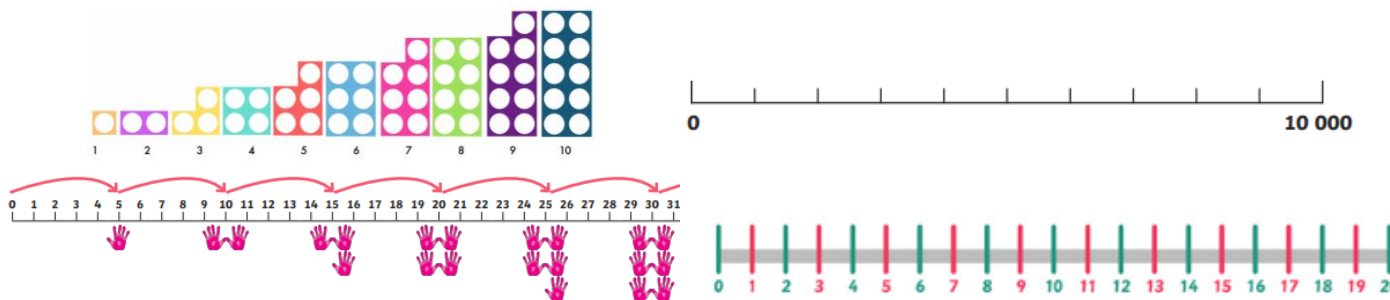
Shakuntala Devi was an Indian mathematician, writer and teacher. She was popularly known as the 'Human Computer' because of her incredibly ability to solve maths calculations quickly in her head – she travelled the world to show others her skill.

Devi was even able to multiply two 13-digit numbers in her head ( $7,686,369,774,870 \times 2,465,099,745,779$ ) and gave the correct answer of  $18,947,668,177,995,426,462,773,730$  in just 28 seconds!



## Calculation Strategy: Number Line

Number lines are a crucial part of maths lessons from Nursery – Year 6. They can be visual (for example, using pictures at each interval to show an amount increasing), colour co-ordinated to show odd/ even numbers or they can represent number strings into the millions. Number lines help children visualise the order of numbers, which in turn helps with their place value knowledge, as well as helping with addition and subtraction skills.



## Maths Book Recommendations:

KS1: Spinderella by Julia Donaldson

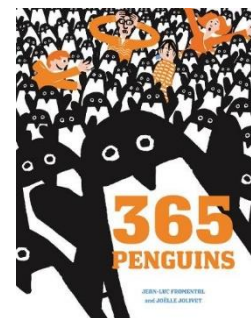
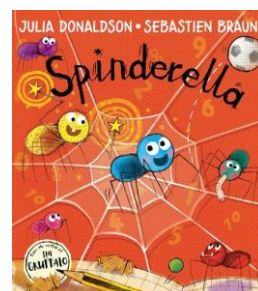
<https://www.youtube.com/watch?v=QTypMhIvFc>

Spinderella is a spider who lives with her spider mum and spider brothers and sisters at a school. Every day, Spinderella and her siblings watch the children in class and, one day, decide to play football themselves. The spiders love football, but they hate numbers. They don't want to count the goals or anything. Luckily, Spinderella's Hairy Godmother comes along just in time to help. A story about numbers, football and family, Spinderella is an enjoyable read for children just starting to learn maths,

KS2: 365 Penguins by Jean-Luc Fromental

<https://www.youtube.com/watch?v=ZQIOCxxMbBM>

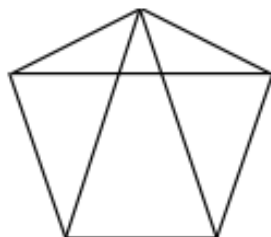
A family find a penguin mysteriously delivered to their door every day for a year. At first they're cute, but with every passing day, the penguins begin to pile up – along with the family's problems. How will they look after all of these noise, smelly, squawking penguins and who is sending them?



## EYFS and KS1 Challenge:

### Triangles

How many different triangles can you count in this shape?



Last issue's answer =  $3 + 2$  or  $4 + 1$

## KS2 Challenge:

### What number am I?

- I am a prime number.
- I only have 2 digits.
- I am larger than 30.
- My digital root is 8.
- I do not have 5 tens.



Last issue's answer = Tom's Granny is 58 years old