



WCPS Maths Newsletter

Spring 1 2024

Welcome to our maths newsletter!

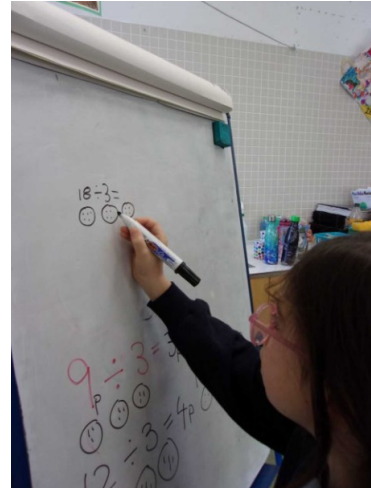
As we start 2024, there's already been lots of fun maths action at school. This has included staff training and discussions, winners of last term's Times Table Rockstars competition and the launch of a brand new Times Table competition. For more details, keep reading!

Learning in School:

In Year Two, the children have been loving acting as teachers in their maths lessons. This is a great opportunity for the children to exercise their reasoning skills as well as help their friends to understand the maths concepts they are learning in class.


Lavinia P in 2B was teaching her class all about division using sharing circles and even took questions from her peers at the end which she answered like a pro!

Great work, Year Two.



And the winning classes are...

- 3C
- 4C
- 5C
- 6A

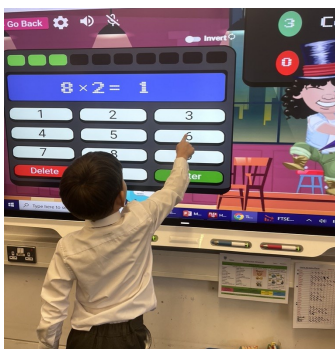


Rock on!
All certificates will be brought to your classes!

Times Table Rockstars:

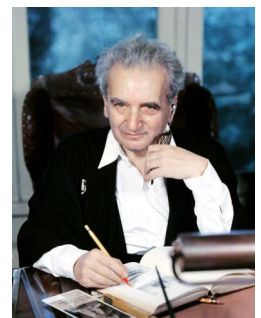
As you know, this year we have started using the Times Table Rockstars online resources. In the Autumn Term, we hosted a Times Table Rockstars competition where each year group competed to win the most points. See left for all of the winning classes. We also gave certificates for the three top players in each class. The children loved the competition and have already started earning points for the new Times Table Rockstars competition that launched last week, so please do keep encouraging your children to play! For more advice on how to use the Rockstars website, please see the Parent Support Pack on our school website under the 'Mathematics' tab.

Also, keep your eyes out for a new, one-day competition launching in February to support the NSPCC. More information on that soon!



Theodore von Kármán (1881-1963)

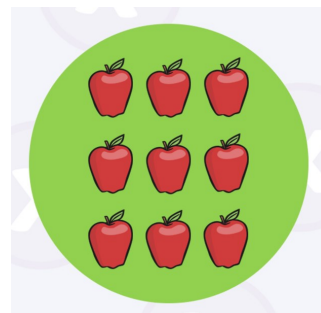
Theodore von Kármán was a Hungarian-American mathematician and rocket scientist. He did lots of research into turbulence and aerodynamics, and is responsible for the very early models of helicopters that were able to maintain hovering flight whilst still tethered to the ground.



Calculation Strategy: Arrays

Arrays are a mathematical representation we use at school to help teach the children about multiplication. First introduced in Year 1 to show repeated addition (for example to the right, the apples would show $3 + 3 + 3 = 9$) and then from Year 2 upwards they are used to show multiplication sentences (the example below being $3 \times 3 = 9$). They can also be used to help understand division in the same way (the apples being $9 \div 3 = 3$).

Arrays are a pictorial way of representing these mathematical concepts. We encourage the children to not only read them but draw their own arrays to match multiplication sentences.

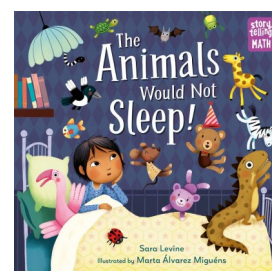


Maths Book Recommendations:

KS1: The Animals Would Not Sleep by Sara Levine

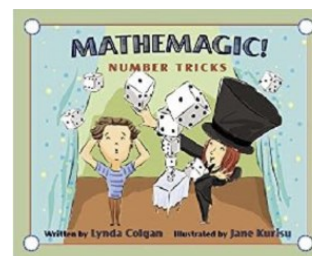
https://www.youtube.com/watch?v=oKrTz2_IUYU

A fun story about a child tidying up their toys for bedtime. This tale includes ordering and lots of chaos!



KS2: Mathemagic Number Tricks by Lynda Colgan

A book that makes maths magical! This book is full of magical secrets in a step-by-step form that will help your child impressing their friends and family with their knowledge. Each maths trick includes different concepts such as, multiplication, prime factors, etc.



EYFS and KS1 Challenge: What is Ron's number?

Annie and Ron each think of a number.

I'm thinking of the number 6



The sum of their numbers is 25
What is Ron's number?

Previous answer: several answers

KS2 Challenge: How Much Money?

The table shows the ages of people in a theme park.

| Age | Number of people |
|----------|------------------|
| Under 18 | 126 |
| 18 - 60 | 195 |
| Over 60 | 38 |

These are the entry costs.

How much money did the theme park make from entry costs?



Previous answer: 119