WCPS Maths Newsletter

Welcome to the first issue of 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 one will feature 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 this first issue!

Learning in School:

Before the Easter break, we celebrated World Maths Day. There were lots of exciting activities across the school including a maths Easter egg hunt and a maths fluency competition – not to mention, we all created our own number-based t-shirts.

It was fantastic to see such enthusiasm and excitement about maths across the whole school, and we are looking forward to the next maths event.

Helping Your Child at Home:

White Rose Maths have a fantastic free app called '1-Minute Maths' which can be downloaded on to any phone or tablet. The free resource is a quick and easy way to practise fluency skills.

All children from nursery to Year 6 can play as there are different categories ranging from Subitising (when you can look at a group of objects and know how many there are without counting them) to Multiplication and Division.
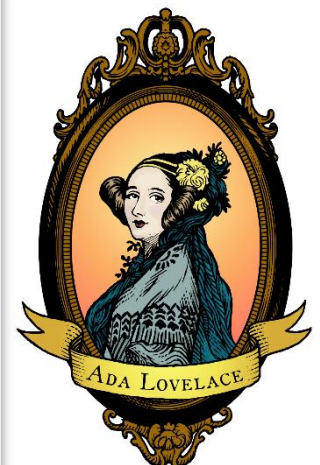
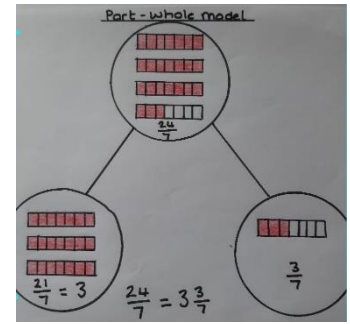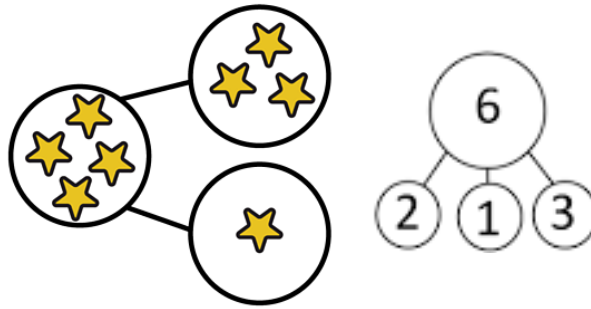## Ada Lovelace:

'The Mother of Computers'

Born in 1815, Ada was taught logic, science and maths from a young age, which was very unusual for women at the time. In 1833, she met Charles Babbage who had begun designs for a computer. Ada developed the plans and described how codes could be created to handle letters and symbols. She also created a method for the engine to repeat instructions – something that computer programmes still use today.

Ada Lovelace day is celebrated every year to recognise the achievements of women in science, technology, engineering and maths.

Calculation Strategy: Part-Whole Model

The part-whole model shows how parts can be combined to make a whole. This model can be used for single-digit numbers, multi-digit numbers, decimal numbers or even fractions. You could use it at home with objects (such as, counters), pictures/ dots or written numbers.

Maths Book Recommendations:

KS1: Zero the Hero by Joan Holub

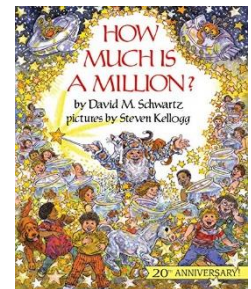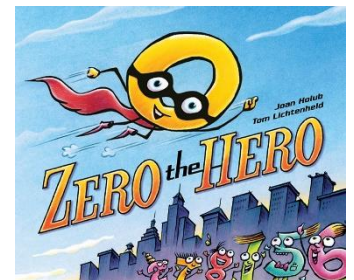https://www.youtube.com/watch?v=Kw2b6sDdPlk

Zero. Zip. Zilch. Nada. That's what all the other numbers think of Zero. He doesn't add anything in addition. He's of no use in division. And don't even ask what he does in multiplication. (Hint: Poof!) But Zero knows he's worth a lot, and when the other numbers get into trouble, he swoops in to prove that his talents are innumerable.

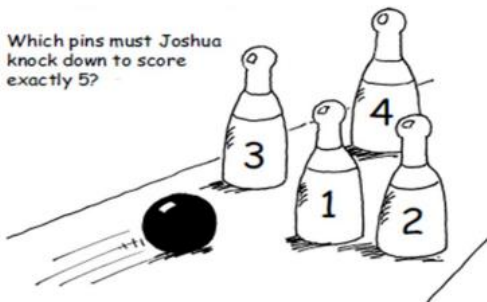KS2: How much is a Million? By David M Schwartz

https://www.youtube.com/watch?v=IuJrV8gy2gU

Ever wonder just what a million of something means? How about a billion? Or a trillion? Marvelosissimo the mathematical magician can teach you!

EYFS and KS1 Challenge:

Four Pin Bowling

Which pins must Joshua knock down to score exactly 5?

Can you find two different ways to:

A – score 5

B – score 6

C – score 7

KS2 Challenge:

How Old is Granny?

Tom asked his Granny how old she was. Rather than giving him a straight answer she replied:

I have 6 children and there are 4 years between each one and the next. I had my first child (your Uncle Peter) when I was 19. Now the youngest one (your Auntie Jane) is 19 herself. That's all I'm telling you!

How old is Tom's Granny?

Answers will be revealed in the next issue.