



Hillcross Primary School Maths Newsletter

Summer 2

Here is our final maths newsletter of the academic year! Please read on to find out what maths at Hillcross looks like and how you can support your child with their learning at home.

Helping Your Child At Home:

We have put together a range of online tools that children can use to practise their maths skills at home during the summer holidays. Please click the pictures to take you directly to the websites.



Famous Mathematicians: Isaac Newton



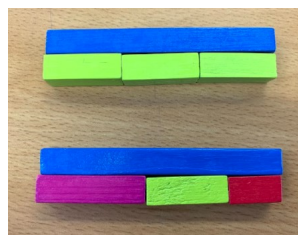
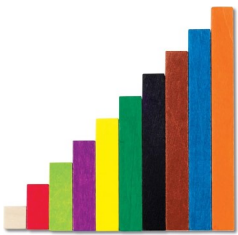
Sir Isaac Newton FRS (25 December 1642 – 20 March 1726/27) was an English mathematician, physicist, astronomer, alchemist, theologian, and author who was described in his time as a natural philosopher. Newton made contributions to all branches of mathematics, but is especially famous for his **solutions to the contemporary problems in shape**.

Representations and resources

Representations are crucial in a maths lesson to expose the mathematical structure and to support the context of the learning. Over time, children should progress to using the abstract without the representation. This is when the maths seems easy!

Resources are key in the maths classroom. For each year group, specific resources are carefully selected to support children with their mathematical understanding.

Cuisenaire Rods are a fantastic resource for pupils that provide an interactive, hands-on way to explore mathematics and learn mathematical concepts and relationships.



I have created a story to go with my structure: *"A bowl of fruit contains mostly apples, and an equal numbers of oranges and bananas."*

Summer Maths Challenges:

Max has 8 marbles.



Jo has 4 marbles.



How many marbles do they have altogether?

A cake costs twice as much as a drink.



The total cost of a cake and a drink is £6

How much does a cake cost?

Mrs Smith has some glue sticks.

- In week 1 she gives out 30% of her glue sticks.
- In week 2 she gives out 50% of her remaining glue sticks.
- In week 3 she gives out $\frac{2}{7}$ of her remaining glue sticks.
- At the end of week 1, she had 171 more glue sticks than she did at the end of week 3

How many glue sticks did Mrs Smith have at the start of week 1?