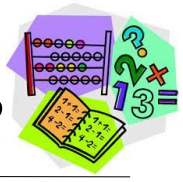
Maths Masterclass



Year 2 Summer

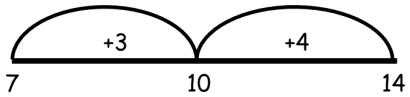
Alongside the half-termly curriculum information, here you can find additional information about your child's maths learning. This is intended to give you insight into the way we teach maths, which we hope makes it easier to support your child with their learning at home. We will give you suggestions of various activities to try and questions to ask with your child, which we hope you find useful.

Addition and subtraction

This term we will be focusing on how we can show we are able to add three 1 digit numbers. The children will be focusing on using number lines and step-by-step methods for this. Your child will be taught to identify and start with the biggest number and add from here. Your child may also want to use their jottings to calculate the answer.

Addition using a number line:

7 + 3 + 4 =

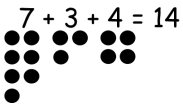


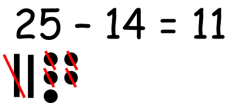
Step by step addition and subtraction:

7 + 3 + 4 =	24—12 = 12
7 + 3 = 10	24—10 = 14
10 + 4 = 14	14—2 = 12

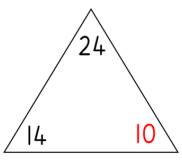
Addition and subtraction using jottings:

7 + 3 + 4 =	25 - 14 -=





We will also be revisiting missing number problems. We will be exploring how to rewrite calculations using our knowledge of inverse operations and commutativity.



14 + ____ = 24
I know that 24 - 14 = 10.
So I know that 14 + 10 = 24

Number and Place Value

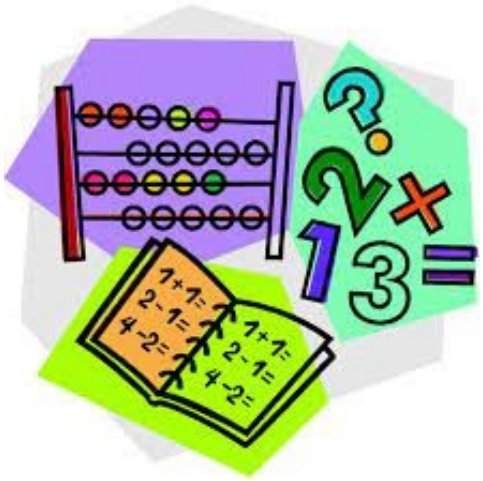
Your child will be using their place value knowledge to count in tens from any number. We are confident in counting in tens from 0, up to and beyond 120, and we will be building on this to start from any number. We will be counting forwards and backwards in tens.

You could try using questioning at home with your child to help here:

⇒ Can you count in tens from 24?
⇒ 15, 25, 35, 45, 55, what comes next?
⇒ 77, 67, 57, 47, am I counting up or down in tens?

0	10	20	30	40	?
13	23	33	43	?	63
85	75	?	55	45	?

We will also be exploring counting in 3s from 0. Explore these number patterns at home by counting with your child in 3s from 0.



Maths at Home

Money

We will continue to look at coins and their values from 1p to £2.

We will also be focussing on how the same amounts of money can be made from different coins.
For example:
5p + 5p + 5p + 5p = 20p
10p + 5p + 5p = 20p
10p + 10p = 20p
1p + 2p + 2p + 5p + 10p = 20p

At home it would be useful to build an awareness of coins and their amounts as well as how money is used in every day life.

Position and direction

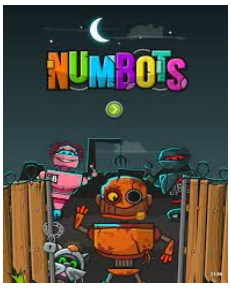
We will be exploring position and direction through instructions of movement.

Your child will be using technical vocabulary to describe movements of objects and sequenced patterns.

Technical vocabulary
Clockwise, anti-clockwise
Quarter turn, half turn, full turn
Rotate, turn, move
Forwards, backwards

It is important for the children to spend 10-15 minutes practising their times tables as often as possible to build their fluency! Children who do this regularly are more confident when tackling a range of mathematical challenges.

Contact admin@hamble-pri.hants.sch.uk if you need help logging on.



Shape

In geometry we will explore 2D shapes and their properties, as well as 3D shapes and their properties.

We will look at and compare 2D shapes and 3D shapes to see how they are both similar and different.

We will explore symmetry of 2D shapes through a hands on approach, seeing how we can fold shapes and use mirrors to see lines of symmetry.

Technical vocabulary
face, edge, vertices, corner, side, apex , symmetry