



Maths Masterclass



Year 2 Summer 1

Welcome to the Maths Masterclass Newsletter. 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 you could try with your child, which we hope you find useful.

Addition and subtraction

This half-term, we will continue to focus on how we can add and subtract 2-digit numbers. We will link this to our money learning, therefore we will add and subtract amounts of money, including in the context of giving change. We will focus on step-by-step methods for this, as well as children being able to use their previously learnt strategies such as number lines.

Step by step addition and subtraction:

$$\begin{array}{rcl} 27 + 13 & = & 24 - 12 = \\ 20 + 10 & = & 24 - 10 = 14 \\ 7 + 3 & = & 14 - 2 = 12 \\ 30 + 10 & = & \end{array}$$

Below is an example of a challenge question the children will work on:



Ron buys two of these items.

He gets 35p change.

Which items does Ron buy?

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

$$\square + 25 = 49$$

For this question, the whole is 49. 25 is one of the parts and we are missing the other part. We need to do the inverse to solve this.

$$49 - 25 = 24$$

Number and Place Value

Your child will be using their place value knowledge to estimate numbers. We will use number lines as a representation for this and will think carefully about what the start and end points of number lines are. We will use our knowledge of halving numbers to find mid-points to help us think about the proximity of different numbers. We will need to think about the tens and ones of numbers and their relationship with other numbers around them.

You could try using this question with your child at home to get them thinking about what the possibilities could be:

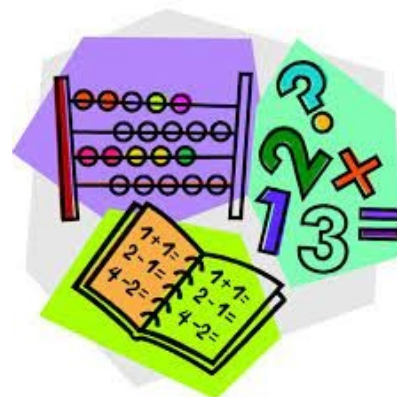


We will also be applying all of our place value knowledge to solve place value problems, like the one below:

These items are for sale:



According to the pattern, write in words what the next price should be.





Maths at Home

Measures—Temperature

We will be learning to read scales in divisions of ones, twos, fives and tens using temperature as our measuring device.

At home you could talk about the weather forecast and which day of the week is hottest or coldest. Please note, your child is not expected to understand negative numbers in Year 2 so we will refer to temperatures above 0 degrees.

Technical vocabulary:
degrees, hotter, colder, scale, measure

Measures—Time

We will continue to look at time, following on from last half term. Using analogue clocks, we will look at telling the time to the nearest 15 minutes, so this includes: o'clock, quarter past, half past and quarter to. We will also be drawing hands on clock faces to show these times.

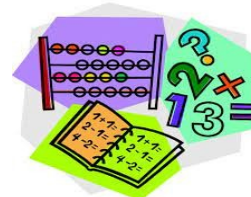
At home it would be useful to refer to an analogue clock to help build on your child's understanding of the hour hand and minute hand. Telling the time at quarter past and quarter to the hour and talking about where the hands are at these times would be helpful for your child.



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

The children will begin to focus on Times Tables Rockstars as the year progresses but they can start now! Their login is the same for both!

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



Shape

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

We will compare and sort common 2D shapes and 3D shapes and everyday objects. You could see what 2D and 3D objects you have at home!

Technical vocabulary
faces, edges, vertices, sides, apex, symmetry

