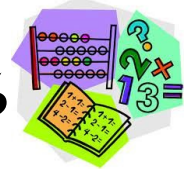




Maths Masterclass



Year 2 Autumn

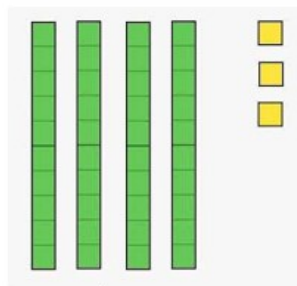
Alongside the half-termly curriculum information, we now send out our Maths Masterclass newsletter to give you additional information about your child's maths learning. This is intended to give you insight into the way we teach maths, which we hope makes it easier to support your child with their learning 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

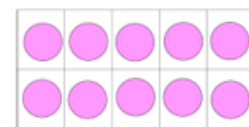
This term we will be focusing on solving problems concrete resources, here your children will be using numicon, dienes, tens frames and counting objects to help visualise what numbers represent.



Numicon



Dienes

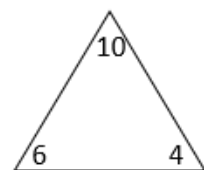
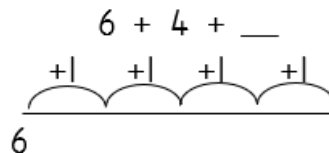


10 Ten
Tens frames

We will start by using these tools to help understand our number bonds to 10 and then progress to learn number bonds to 20.

Throughout this term we will be using number lines to help demonstrate what is happening to a number when we add and subtract.

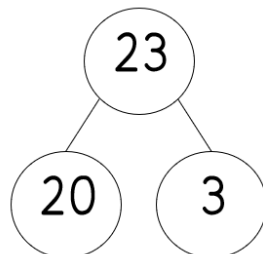
We will also be using fact families to help understand how addition and subtraction are linked.



$$\begin{array}{l} 6 + 4 = 10 \\ 4 + 6 = 10 \\ 10 - 6 = 4 \\ 10 - 4 = 6 \end{array}$$

Number and Place Value

Your child will be using their place value knowledge to identify and recognise the place value of a two-digit number. They will be learning how to recognise how many tens and how many ones in a number using bar models and cherry models.



23	
20	3

Orally your child will be able to describe how "the number 23 is made up of 2 tens and 3 ones".

We will also be looking at comparing numbers using less than (<), greater than (>) and equal to (=). You can support with this at home when comparing sizes, weights and amounts.



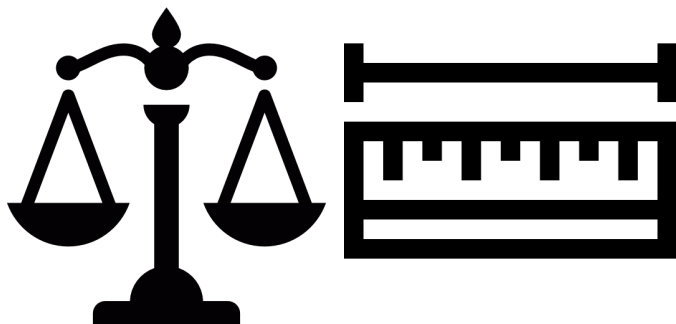
Maths at Home

Measurement

We will be covering mass, using kilograms and grams and length and height, using metres and centimetres.

Encourage your child to get involved with any measuring activities at home. This could be:

- ⇒ Measuring ingredients when helping with cooking or baking.
 - I need 500g of flour and 250g of sugar, is there more flour or sugar?
- ⇒ Measuring and comparing heights of yourselves / pets / action figures etc. Children will be taught to do this in school using m / cm / mm.
 - Who is taller?
 - Can you order the colouring pencils from tallest to shortest?



It is important for the children to do 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.



Geometry

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

