



# Maths Masterclass



## Year 1: Summer 2

Alongside the half-termly curriculum information, here is some information about the Maths learning that your child will be undertaking over the coming weeks. This includes some of the methods used in school and some ideas to help your child engage in Maths activities at home.

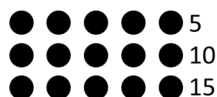
### Multiplication and Division

This half term we will be focusing on solving multiplication and division calculations. The children will be using their recall of multiples to support them with this. The children have practised counting in 2s, 5s and 10s, therefore they will be applying this knowledge.

The children will continue to use arrays as well as their fluency recall. We will also continue to look at the relationship between multiplication and division using fact families.

$$5 \times 3 = 15$$

As an array:



Verbally:

"I know that 5 times 3 means 5 lots of 3 or 3 lots of 5"

The children will look at some word-ed problems and unpick the vocabulary of questions to check if they are multiplying or dividing.

### Geometry (position and direction)

The children have already learnt about whole and half turns, and this half term will be focusing on quarter and three-quarter turns. We will also refer to the vocabulary of clockwise and anti-clockwise. During this we will make lots of links with our fractions and time units.

At home, you could give directions to each other. For example:

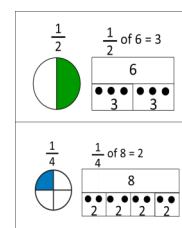
"Turn one-quarter clockwise."

"Turn three-quarters anti-clockwise."

It may help to draw arrows on a piece of paper on the floor to support with clockwise and anti-clockwise!

### Fractions

Over this half term we will be looking at fractions of shape and fractions of number. The children will learn about the relationship between the two. Your child will be exploring how fractions always need equal groups and we will teach them how to equally proportion a shape or number into a given fraction.



### Measurement – Time

Continuing from last term, we will keep on developing our understanding of time. We will tell the time to the hour and half past the hour and begin to compare and solve problems linked to time. We will also be using vocabulary such as quicker, slower, earlier and later.

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

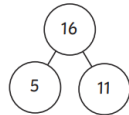




# Hamble Primary School

## Fact Families

We will build on our knowledge of number bonds from the Autumn term and use what we know to help us with addition and subtraction number facts. Now we are secure with number bonds to ten we will begin to look at number bonds within 20. We will use a cherry model to support us with our learning. From this, we will be able to generate addition and subtraction number facts like this:



$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

Hit the button is a really nice game to practise number bonds and number facts. [www.topmarks.co.uk/maths-games/hit-the-button](http://www.topmarks.co.uk/maths-games/hit-the-button)



## Numbots

It is important for the children to do 10-15 minutes practising their number fluency as often as possible! Children who do this regularly are more confident when tackling a range of mathematical challenges. We do this twice a week in class but more exposure to this at home will ensure children are more secure with and can reason about numbers.



If you need help logging on please contact [admin@hamble-pri.hants.sch.uk](mailto:admin@hamble-pri.hants.sch.uk)

## Measurement – Money

In Year 1 the children learn to recognise and understand the value of coins. An awareness of money in a real life context is really important in supporting their learning. Getting children involved in the shopping and handling money occasionally is a brilliant way to do this. The children also need to be able to make different amounts in different ways.



Look at the coins below. How many different ways can you use them to make a total of 90p?



Can you challenge your child to make an amount (within £1) in as many different ways as they can?

## Counting in 2s, 5s and 10s

This half term we will continue to work on counting in multiples of two, five and ten.

There are lots of lovely counting songs available online. Below are a few that we use at school:

- ⇒ [www.youtube.com/watch?v=JyCr0IgbYcl](http://www.youtube.com/watch?v=JyCr0IgbYcl)
- ⇒ [www.youtube.com/watch?v=cJ4jV14Oz5I](http://www.youtube.com/watch?v=cJ4jV14Oz5I)

Many of the games on Numbots also practise counting in twos, fives and tens.