



# Maths Masterclass



Year R: Autumn 2

This newsletter will include information about the maths learning that your child will be undertaking over the coming weeks. This includes some of the methods used in school to show you how we teach maths and to make it easier to support your child with their learning at home.

## Addition & Subtraction

The children will be learning how to use concrete resources to support them when learning addition and subtraction.

We will use counting toys and loose parts to show when we are adding two groups together to find a total. They will be encouraged to touch count carefully to find the answer.

Here are some songs you can listen to with your children to support with adding.


$$1 + 2 = 3$$


$$2 + 3 = 5$$


$$1 + 1 = 2$$


$$2 + 3 = 5$$

[The Addition Song for Kids \[by Boo Boo Gaga\]](#)  
[#booboogaga - YouTube](#)

[@Numberblocks- All the Sums | Learn to Add and Subtract - YouTube](#)

The children will be continuing this skill with subtraction. They will have a group of objects and then be asked to take a number away, then asked how many are left? They can then count to find out how many they have left.

You can support your children at home by adding and subtracting with objects from around the house. Please use this vocabulary when you are supporting them; *add, take-away, total, altogether, makes, equals*.

## Shape

The children will be learning about and exploring 2D shapes. They will go on shape hunts, talk about the differences between each shape. They will be learning the correct names for each shape.

Here is a song you can listen to which supports the children with their learning.

[Shapes song for kids | The Singing Walrus - YouTube](#)

To support your children at home, you could go on shape walks around the local area and shapes from around the house and sort them into groups. You could even have a go at making the shapes with your bodies!

Here are some questions you could ask when supporting your children. *How many sides does it have? What is the name of the shape? How do you know it is that shape?*

## Capacity

This unit is about teaching the children the difference between full, empty and half full.

The children will have opportunities to explore capacity using water, loose parts, sand and food.

You can also support your children to learn about capacity by asking these questions. *How much do you have in your container? How do you know it is...? Can you order them from full to empty?*

Here is a video to support your children.

[Sesame Street: The Two-Headed Monster - "Who Has More Milk?" - YouTube](#)



# Maths at Home

## Height

The children will be learning about the difference between tall and short. They will do this by, exploring the environment to compare objects and order them by height.

[Tall and Short | Jack Hartmann | Measurement Song - YouTube](#)

When supporting your children at home, you could find objects around the house and put them in order or even put yourselves in order!



## One more & One Less

The children will be finding one more and one less, with numbers up to 10, using concrete resources.

We will use counting toys, loose parts and objects from around the classroom to either, add one more or take one away to find one less. Children will then be encouraged to count how many they have in total.

Below is a Numberblocks video which can support the children in finding one more.

<https://www.bbc.co.uk/iplayer/episode/b08q39b4/numberblocks-series-2-just-add-one>



To help your child at home, you can use their toys to add one more in or to find one less. You can even do this with food! After you have eaten one piece of fruit, how many do you have left?

## Counting



We ask you to practise counting with your children as much as possible and as high as your child can go.

You could count how many toys there are, how many cars you see on your walk and if you're lucky, how many sweets you