

## Maths Vocabulary

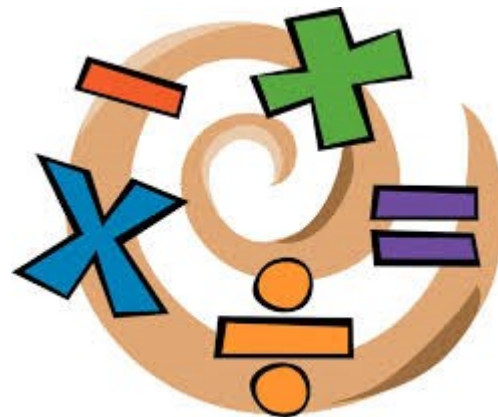
<b>Add</b>	<b>Take away</b>
<b>Addition</b>	<b>Subtract</b>
<b>Plus</b>	<b>Minus</b>
<b>More than</b>	<b>Less than</b>
<b>Total</b>	<b>How many left</b>
<b>Altogether</b>	<b>Difference</b>
<b>Times</b>	<b>Divide</b>
<b>Multiply</b>	<b>Share</b>
<b>Multiplication</b>	<b>Equal groups</b>
<b>Product</b>	<b>Share equally</b>
<b>Lots of</b>	

## Thinking Mathematically

At school we focus heavily on mathematical thinking. Thinking mathematically is the key to becoming a proficient mathematician. This is something which you could focus on at home by the types of questions you ask when engaging in mathematical activities.

Example questions:

- Estimate the number of ...
- What do you think will happen if...
- How could you work out...
- What would be the most efficient way of working out...
- Why? Always try to ask children 'why?'. Explaining their thinking allows them to deepen their understanding. It also helps you to see how much they understand and where they may be having difficulties.



## Maths websites

Below are some useful maths websites with fun and entertaining games aimed at primary school children.

The links to all of these can be found on our school website: [www.spjs.co.uk](http://www.spjs.co.uk) .

<http://www.mathletics.co.uk/>

<http://www.sumdog.com/>

<http://www.bbc.co.uk/bitesize/ks2/maths/>

## Everyday Maths at Home



Maths is something we all do everyday often without thinking about it.

It is extremely important that your child applies the mathematics they learn at school into real life situations as it enables them to see the practical application of their work. It also helps to embed their understanding of new concepts.

This booklet aims to equip you with some ideas for using maths in everyday situations with your children. The most important thing to remember is that you should both have fun whilst doing it.



## Money

Money can seem abstract to children. Children often see adults ordering shopping online and using their card in shops, meaning that no money ever changes hands. This means that children can struggle when faced with problems involving money both at school and at home.

- When out shopping with your children, ask them to add up the prices of the items you are purchasing before you get to the till. You could also ask them to work out how much change you should get. This is also a good opportunity to bring in estimations. You could ask them to round the prices to the nearest pound to work out 'roughly' how much you have spent.



- If you are saving for a specific item, ask your child to work out how much more you need to reach your target. Similarly you could ask them to work out how much they need to save to buy something they are saving for.
- If your child is lucky enough to get pocket money, you could ask them to work out how long it would take them to save up for something they want.
- When you are out shopping in the sales, ask your children to work out the new price of an item based on how much it is reduced by.

## Baking

Baking is a fantastic way to bring Maths to life at home. Baking enables you to spend quality time with your child and hopefully you end up with something tasty at the end of it!

- Baking allows your child to practice reading scales and adding up weight and volume.
- You can also bring in division and fractions. For example by asking 'What fraction of the cakes should we ice blue? If I give  $\frac{1}{4}$  of the cakes to Mrs Brown next door, how many will we have left?'
- You could also introduce the idea of ratio and proportion. For example if a recipe is for 12 cakes and you wanted to make 24, you could ask your child to work out how much of each ingredient you would need.



## Time and Timetables

Time is something that many children struggle with. To support your child in mastering this tricky concept, try to practice as much as possible in real life situations

- Get your child to practice telling the time regularly using an analogue clock.
- It can also help to practice working out time problems. For example working out what time you will need to leave to reach your destination on time. Or working out what time it will be when their favourite television programme finishes.
- Timetables are also a tricky concept for children. When you find yourself waiting for a bus, take the opportunity to discuss timetables with your child. Can they work out when the next bus will arrive?

## Board Games

Everyone loves a good board game. Not only are they entertaining but they can also provide maths practise for your children. Apart from adding up the scores, they can practice working out how many more they need to reach certain points in the game.

