

How to support your child with maths at home



Research has found that practising maths little and often will significantly improve your child's recall and understanding of number and boost their addition and subtraction skills.

Number Talk

We encourage parents of children, in EYFS, to '**Number Talk**' as often as possible: noticing numerals and shapes in everyday life, counting objects and steps, using the vocabulary 'more than', 'less than' and 'equal to' and when talking about amounts, using the vocabulary 'half', 'full' and 'empty'.

Counting Skills

In EYFS, we focus on developing counting skills and the five key counting principles. We encourage parents to count at home with their children wherever possible. The five counting principles are:

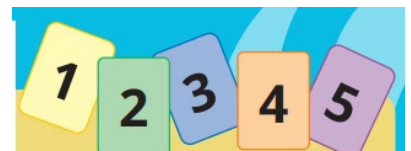
1. One to one correspondence

This involves children assigning one number name to each object that is being counted. Children need to ensure that they count each object only once and have counted every object.



2. The stable-order principle

Children understand that, when counting, the numbers have to be said in a certain order.



3. The cardinal principle

Children understand that the number name assigned to the final object in a group is the total number of objects in that group.

4. The abstraction principle

This involves children understanding that anything can be counted, including things that cannot be touched, such as sounds and movements e.g. jumps.



5. The order-irrelevance principle

Children learn to understand that the order in which we count a group of objects is irrelevant. There will still be the same number.

Numbots

Numbots is a great app for improving your child's recall of number facts and understanding of addition and subtraction skills. We recommend a 'little and often' approach, with children practising for no longer than 5 minutes each day.

The children's logins have been sent via a message on the Class Charts application. If you need this resent, please ask your child's teacher.

Game Types

1. Story Mode – the emphasis is on learning the ideas and concepts behind addition and subtraction so it features more diagrams, shapes and question styles.
2. Challenge Mode – the emphasis is more on speed of recall of key number facts.
3. Challenge Mode is locked for new users and Challenge 1 is unlocked once players reach level 80 on Story Mode. There are 20 Challenges in total. To unlock the next Challenge, players must correctly answer 12 questions in a minute.



White Rose 1 Minute Maths

The White Rose 1 Minute Maths app is great for supporting your child with subitising, addition and subtraction practise. The app can be downloaded from your usual app store and is free.

Subitising is looking at a group of objects and recognising the amount without having to count them. This supports children with their understanding about number.



Activity Types

- Subitising** – All levels are suitable for EYFS children. Start on level 1 and work your way through the levels
- Addition** – Practise level 1 and 2 until your child is recalling the answers quickly
- Subtraction** – Practise level 1 and 2 until your child is recalling the answers quickly

Number Blocks

Number Blocks is a pre-school BBC television series aimed at introducing children to early number. The engaging storylines introduce concepts of number to support early mathematical understanding in ways that mirror our work in school.

<https://www.bbc.co.uk/cbeebies/shows/numberblocks>



For more help on mathematics please speak to your class teacher:

jcatlin@thedustonschool.org

jalmond@thedustonschool.org

ssherlock@thedustonschool.org