

Helping Your Child With Maths At Home

There are lots of great ways to support your child at home with mathematics.

The key is to make it as fun and positive as possible. Playing games is an excellent way of helping your child. Recognising patterns on dice and dominoes, for example, can be really help with creating mental images of numbers and helping them on the way to becoming fluent and flexible with calculations.

Some examples of games you could play: (some of these and more are available to borrow from the school's maths games library)

Shut the box

Rummikub

dominoes

Battleships

Pick up sticks (with scoring)

We want children to see maths as a creative, exciting subject; to embrace challenge, learn from mistakes and enjoy the thrill of making new mathematical discoveries. ***The Celebrating Maths Project*** will help you to promote these attitudes with your children.

The Celebrating Maths Project is a series of three short videos written to give parents a range of mathematical games and puzzles to play at home.

The first video, for parents of children aged 4-5, gives ideas for finding maths in everyday situations and explains some important stages in developing an early understanding of number. The second and third videos, for parents of children aged 6-7 and 8+, give ideas for mathematical strategy games that can be played with simple equipment and an active mind!

By playing maths games together, whatever your personal experience of the subject, your child will learn that the challenge of maths is there to be enjoyed!



These leaflets also list more games and ideas to help your child at home.

Parent leaflet multiplication

For information about calculations and how we teach children at school please see the Calculation Policy above.

Multiplication and Division

As from 2020, Year 4 children will be expected to take a short statutory times table test. The National Curriculum states that by Year 4 children should be able to recall multiplication and division facts up to 12×12 .

National Curriculum expectations for Year 2 - 4

- *recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers (Year 2)*
- *recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables (Year 3)*
- *recall multiplication and division facts for multiplication tables up to 12×12 (Year 4)*

Try this website (link below) to help practise for the multiplication check. It is very similar to the actual test the children will take. They will be given 25 questions with a time of limit of 6 seconds per question. See if your child can beat their own score by testing themselves on a regular basis.

Mathsframe Multiplication check

Here are a few pointers and links to help your child at home with learning these important facts.

1. Try to keep practising fun - use games (board games or online) to help.

2. Discuss different strategies. We don't all see maths in the same way!
3. Children need visual images to help them see and understand the maths.

Use pictures, arrays and real life objects to bring maths to life.

4. Use travelling time as a opportunity to fire a few quick questions!

We have made a video with ideas on how you can support your child at home with multiplication / timestables. This video replaces our face to face parent workshop.

[maths multiplication video help your child at home](#)

Links to games and songs

[Hit the button](#)

[Mr G's Musical Maths](#)

[Maths games](#)

[How-close-to-100-handout](#) (game to print off and play) and [How close to 100 instructions](#)

[BBC Super Movers - Times table songs](#)

[Pepperoni Pizza](#)

[Multiplication Squares Game](#)

Mr DeMaio creates fantastic educational videos, including [this playlist of songs](#) to help your children learn their multiplication tables.

Laugh Along and Learn also have [a collection of Times Tables songs](#) that your children can sing!

[This playlist from Happy Learning English](#) has some times tables songs, as well as videos about shapes and measurements.

[The Singing Walrus](#) has lots of songs to teach children about numbers and counting

Links to other really useful websites that can support your child in maths:
[numberblocks](#)

This bbc website is especially suitable for Early years

Mathletics

Children all have their own login details for this site and can access a range of age appropriate maths activities. SCHOOL HAVE PAID THE LICENCE FOR CHILDREN TO ACCESS THIS RESOURCE

Y6-Arithmetic-Practice

A website suitable for Y6 only - arithmetic practice FREE RESOURCE

Topmarks

This website has a range of maths games for ages 3-5, 5-7 and 7-11 MANY FREE RESOURCES AVAILABLE

Nrich maths problems

This website has a fantastic range of open ended problem solving activities and maths games (usually to play with a paper and pencil!) Go to the web address and click on the orange house link in the top tab for activities for children age 5 to 11. FREE RESOURCE

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Some examples of games your could play:

Shut the box, Rummikub, Card games, Dominoes, Battleships, Pick up sticks (with scoring)

Youtube Channels (FREE RESOURCE):

- The Numberblocks channel has lots of great videos to help younger children learn about numbers, addition and subtraction.
- The Numberjacks are a group of superhero numbers who appear in educational videos that cover thinking skills, problem solving and maths.
- Hopscotch has songs to help your children with counting.

- Math & Learning Videos 4 Kids have a wide range of videos about different maths topics.
- This playlist from BBC Teach explores how maths is used in different areas of life and work. It also includes videos about number, measure and shape concepts.