**Resources to help children with Maths at home**

**Online resources/apps:**

**Times Table Rock Stars** (Y2-6) – login will be provided by school (Y2 from Jan.) Children can practise relevant times tables and related division facts. Teachers may set challenges to complete.

**White Rose 1 minute Maths app** – free to download. Covers subitising to 9, addition and subtraction up to 100 and all multiplication and division facts to the 12 times table.

**Hit the button** - [Hit the Button - Quick fire maths practise for 6-11 year olds (topmarks.co.uk)](https://www.topmarks.co.uk/maths-games/hit-the-button) Number bonds, doubles/halves and times table/division facts practice.

**Top Marks** - [Learn to Count with fun Counting Games for KS1 Children (topmarks.co.uk)](https://www.topmarks.co.uk/maths-games) Select from ages 3-5, 5-7 and 7-11 to find many interactive games based on various areas of the Maths curriculum.

**Cbeebies Numberblocks -** [Numberblocks - CBeebies - BBC](https://www.bbc.co.uk/cbeebies/shows/numberblocks)

**BBC Supermovers** – Key Stage 1 songs and dance moves to aid aspects of Maths [KS1 Maths Collection - BBC Teach](https://www.bbc.co.uk/teach/supermovers/ks1-maths-collection/z6v4scw)

**BBC Teach -** [Hypatia's Mathematical Maze - BBC Teach](https://www.bbc.co.uk/teach/class-clips-video/maths-ks2-hypatias-mathematical-maze/zmm84xs) Videos to help in explaining some of the trickier concepts in KS2 Number.

**Mathsframe –** Key Stage 2 (there are a variety of free games on various topics)[Most Popular Free Maths Games - Mathsframe](https://mathsframe.co.uk/en/resources/category/22/most-popular)

**National Numeracy -** [Supporting children | National Numeracy](https://www.nationalnumeracy.org.uk/helping-children-maths) This website has a range of ideas and resources to support parents in helping their child with Maths at home, as well as links to songs and stories that involve Maths. See the supporting families and activities for children parts when you scroll down as well as the other free tootlkits available.

**Youtube –** there are a wealth of counting and times tables songs on here (please supervise your child in searching for these and ask if they have any favourites they have used in class.)

**Practical ideas:**

**Out and about -** Counting/number bonds/x tables practice when walking or driving to and from school/the park etc. Looking for numbers around you and discussing them at an age-appropriate level (e.g. younger children identifying the number, what is one more/one less etc; older children – is the number in the xxx times table, how many more/less than 100 or 1000 is it, can you round it to nearest 10, 100, 1000 etc. Count the number of red cars you see etc.) Giving directions for your child to follow and asking them to give directions is another useful activity (using left, right, forwards, backwards, compass points.)

**At home –** find me xx pencils; can you count out 3 forks for the dinner table. How many more do we need for our family?; ordering a set of items based on weight or size or length.

**Baking/cooking** – measuring out ingredients, turning the oven to the correct temperature, timing the food in the oven, scaling recipes up/down for different numbers of people. Using knowledge of fractions to share out eg cake or pizza etc.

**Time** – taking every opportunity to use clocks in the home and out and about. Talk about the numbers and/or positioning of hands; calculating time intervals – how long until teatime at 5pm etc.

**Money** – recognising coins, giving children the opportunity to use coins/notes to pay for things and work out change. Budgeting, saving. Playing shops.

**Shapes and patterns** – look in the natural world and at home for examples of 2D and 3D shapes and discuss their properties. Look for patterns and predict what might come next.

**Board Games –** games with dice will help younger children with number recognition and counting; for older children any games that involve strategy or adding (e.g. Scrabble scores etc) will help.

Finally . . . **Be positive about maths.**Try not to say things like "I can't do maths" or "I hated maths at school" – your child may start to think like that themselves. Have fun with Maths together!