

Maths at Home Ideas for KS1 Parents/Carers

Here are some simple ideas that you can do with your child at home to help develop their mathematical skills.

Three Things to Remember When Enjoying Maths at Home

1. **Look Out! Maths is everywhere.** Cooking, shopping, packing things into bags and boxes, planning a journey... even the buildings all around you. The more you look, the more you will see.
2. **Being wrong is OK.** Encourage your child not to feel bad about making mistakes – it is all part of their learning. If your child gets to the wrong answer, then talk about it and then work it out together.
3. **Questions are Key.** To further develop a child's understanding, we ask them to explain their answers. Questions to ask your child:

“How did you find out?”

“Why do you think that?”

“How do you know this?”

“Can you show me?”

“How do you prove this?”

“Is there another way to solve this problem?”

Home Maths Activities

- ○ **Baking** – Measuring ingredients.
- ○ **Beat the clock** – Set a timer for a minute (or half a minute) and count how many actions the child can do in that time, such as star jumps, hops, or writing their name. These actions could be recorded in a tally to compare results.
- ○ **Board Games** – These games develop skills such as subitising and counting on.
- ○ **Can you Build This?** – Make a simple construction with a few blocks or pieces of Lego and challenge the child to copy it with the same pieces or from a selection. Use more pieces to increase the challenge.
- ○ **Hide the Teddy** – Hide a teddy/toy from your child. Encourage your child to use the appropriate language to describe positions such as – over/under, in/on, in front/behind when describing where they found the teddy/toy.

- ○ **Higher or Lower** – Using cards to guess if the next card will be higher or lower than the previous card.
- ○ **Junk Modelling** – Use your recycling to make models. Can your child identify the shapes they have used?
- ○ **Measuring** – Measure objects around the home and order them.
- ○ **Measuring height** – Measure the heights of different family members. Who is the tallest? Who is the shortest? You can measure each other using your child's footsteps.
- ○ **Measuring Length** - Provide an assortment of all kinds of tubes, for example from the insides of wrapping paper, kitchen rolls, new tubes for hamsters/guinea pigs, straws, large ones from carpets etc. for your child to order from longest to shortest.
- ○ **Number Book** – Ask your child to collect an appropriate number of a range of objects both indoors and outdoors, for example, they may choose four leaves, four stones, four play figures. Invite them to create their own book 'My Book of 4', by sticking these objects into a plain-paged book, where appropriate, or by sticking in photos of the objects.
- ○ **Painting** - On the face of it, there might not seem to be much overlap between art and maths, but getting the paints and pens out can be a good opportunity to talk to your child about maths concepts. Colouring pictures with geometric patterns, or painting butterflies are good opportunities to use mathematical language around shapes and symmetry.
- ○ **Pairs** – Either matching pictures or numeral to quantity.
- ○ **Pattern** – Collect objects from a walk outdoors or from around your home. Can your child make a repeating pattern using their chosen objects?
- ○ **Shape Hunt** – Explore the 2D or 3D shapes around your home.
- ○ **Snap** – Matching pictures or numerals.
- ○ **Playing cards** – Great for number bonds to 10 and 20 and for the 2,5 and 10 times tables (year 2)

Useful books

How Big Is a Million? – Anna Milbourne and Serena Riglietti

One Is a Snail, Ten Is a Crab - April Pulley

10 Apples Up On Top – Dr. Seuss

The Doorbell Rang – Pat Hutchins

Pete the Cat and His Four Groovy Buttons – Eric Litwin

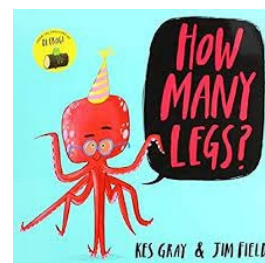
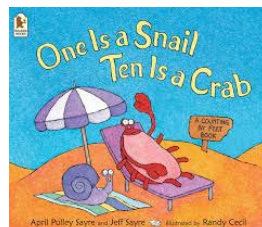
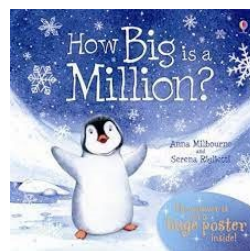
The Shopping Basket – John Birmingham

How Many Legs – Kes Gray

A Squash and a Squeeze- Julia Donaldson

One Hundred Hungry Ants- Elinor J. Pinczes

The Great Pet Sale – Mick Inkpen



Useful Websites

These websites provide further activities for you to complete with your child at home and videos for your child to watch.

BBC Bitesize - <https://www.bbc.co.uk/bitesize/primary>

Home Maths Activities for Ages 5 - 7 - <https://nrich.maths.org/14579>

Maths Shed – Sesame Street -

http://www.mathematicshed.com/uploads/1/2/5/7/12572836/gug_eng_mathiseverywhere_educatorsguide.pdf

NCTEM – Numberblocks Resources - <https://www.ncetm.org.uk/classroom-resources/ey-numberblocks-at-home/>

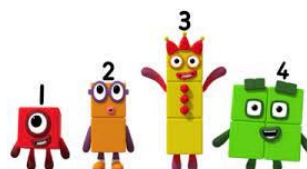
NRICH Maths - <https://nrich.maths.org/parents>

Youtube – Numberblocks & Jack Hartman

White Rose Maths – 1 Minute App

White Rose Maths Resources -

<https://whiterosemaths.com/resources?year=year-1>



TT Rockstars (Year 2)- <https://trockstars.com/>

Hit the Button (Year 2): <https://www.topmarks.co.uk/maths-games/hit-the-button>



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