

# Home Learning – Website Ideas

Subject: Mathematics

Completed by: Heather

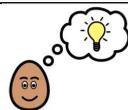


## Top 10 Website Links

Link	Brief Description
<a href="https://www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths">https://www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths</a>	Parent/Carer guide to Mathematical development with fun activities you can build into everyday life and play.
<a href="https://www.bbc.co.uk/cbeebies/shows/numberblocks">https://www.bbc.co.uk/cbeebies/shows/numberblocks</a>	Sing along and learn all about numbers with the Numberblocks!
<a href="https://www.bbc.co.uk/cbeebies/shows/the-numtums">https://www.bbc.co.uk/cbeebies/shows/the-numtums</a>	Play maths games, watch clips and sing songs with the Numtums!
<a href="https://www.bbc.co.uk/bitesize/subjects/zjxhfg8">https://www.bbc.co.uk/bitesize/subjects/zjxhfg8</a>	Play interactive maths games online.
<a href="https://www.topmarks.co.uk/maths-games/3-5-years/counting">https://www.topmarks.co.uk/maths-games/3-5-years/counting</a>	Play interactive maths games online.
<a href="https://home.oxfordowl.co.uk/kids-activities/fun-maths-games-and-activities/">https://home.oxfordowl.co.uk/kids-activities/fun-maths-games-and-activities/</a>	Play interactive maths games online.
<a href="http://www.crickweb.co.uk/Early-Years.html">http://www.crickweb.co.uk/Early-Years.html</a>	Play interactive maths games online.
<a href="https://nrich.maths.org/9084">https://nrich.maths.org/9084</a>	Activities grouped by mathematical topic.
<a href="https://www.mathsthroughstories.org/recommendations.html">https://www.mathsthroughstories.org/recommendations.html</a>	Recommendations for Mathematical stories.
<a href="http://thesingingwalrus.com/">http://thesingingwalrus.com/</a>	Interactive and very catchy songs! Check out 'counting songs and videos' and 'general topics' for lots of maths songs.

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## Suggested Activities

**Introduction:** Maths is all around us! There are lots of practical things that you can do to encourage children's mathematical development and understanding as part of day-to-day routine. Here are some ideas to get you started.

### Activity

#### Stories, Songs and Rhymes:

- Share books with a specific reference to numbers or counting, shape or pattern.
- In picture books, count how many animals on the page, how many objects are blue etc.
- Look for the shapes of objects or talk about their position in the picture.
- Sing songs and share rhymes that feature numbers and counting.



#### Sand and Water:

- Provide lots of different containers in a sandpit, water tray or bathtub. Talk about concepts such as heavy, light, full and empty.
- Look at how much a container will hold and see if it still holds that amount if you pour it out and then in again. See if you can find two different shaped containers that hold the same amount.
- Make shapes and patterns with sandcastles or objects in the sand.
- Compare weight or capacity of different containers.
- Talk about the weight difference between wet and dry sand.



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## Imaginative Play:

- Do the laundry together. Sorting clothes in different colours or types (e.g. shirts, trousers) will develop an understanding of shape, colour, and patterns. Pairing socks will start an understanding of shape matching and counting in twos.
- Ask your child to help set the table for the family or for a toy picnic. Talk about how many forks, spoons, cups etc you need and count out the right amount.
- Play shops. Use pretend or real fruit, vegetables or other items and pretend to buy and sell. Great opportunities for counting and getting used to money.



## Cooking:

- Bake cakes together. Talk about the weight of flour, the volume of milk, number of eggs, the amount of time the cakes will bake for, how hot the oven will be.
- Use leftover pastry like playdough then bake your creations.
- Decorate cakes or biscuits in different patterns or with different shapes.
- Cut vegetables or fruit into different shapes.
- Make a pattern with different colours or shapes of fruit and vegetables.
- Count out how many potatoes, bread rolls, carrots etc you need to make a family meal.



## Day-to-day Routines:

- Talk about the daily routine. Point out days on the calendar and times on the clock and use language such as today, tomorrow, yesterday, this morning, now, next, after that and so on. Refer to the days of the week and the idea of weekdays and weekends.
- Count whilst brushing teeth or use a toothbrush timer.
- When tidying up, count the bricks back into the tub or the teddies back into the tub.



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## In the Garden/At the Park:

- Count the petals on flowers and leaves on plants.
- Plant seeds and count how many holes/pots you need.
- Find shapes in nature. Go on a scavenger hunt and see how many different shapes you can find.
- Look for patterns on flowers, leaves, snail shells, butterflies, ladybirds etc.



## Out for a Walk:

- Look for numbers and shapes in the environment e.g. on car registrations, houses, road signs. House numbers are a great way for starting to introduce odd and even numbers.
- Look for different shapes on buildings, signs and vehicles.
- Count cars. Talk about the most popular colour car that you saw.
- Talk about what you can see in terms of position e.g. 'Look, there's a red van in front of the Post Office.' 'Look at that black cat on top of the fence' etc.

