Maths

Younger Children

Here are a few tips for how you can support maths learning every day:

• Board games like Snakes and Ladders or other games with numbered spaces can be great for maths learning. You can even make your own!

• Meals and snack times can be great to teach lots of concepts, like sharing, talking about time, counting how many carrots you have, estimating the number of beans or comparing sizes of potatoes.

• Use maths words in conversation and play. This can include talking about size ("Which is bigger?"), order ("Which is first?"), shapes and more.

• Stories can be great opportunities for maths learning. One great free resource for maths stories is https://www.mathsthroughstories.org/recommendations.html but you can use other books too!

• Use manipulatives like bricks or toys of different sizes or amounts. Measuring items, scales, construction materials, puzzles, sorting and pattern materials are also great sources for discussion! Check out these other resources from the EEF for more helpful tips-
https://educationendowmentfoundation.org.uk/news/blog-supporting-the-learning-of-mathematics-at-home/

White Rose Maths

White Rose Maths Early Years Resources
https://whiterosemaths.com/resources/early-years-resources/
White Rose Maths Primary Resources
https://whiterosemaths.com/resources/primary-resources/
White Rose Maths have produced a range of work booklets for parents and children
https://whiterosemaths.com/parent-workbooks/
White Rose Maths have produced Problems of the Day aimed at children in Key Stage One and Two
https://whiterosemaths.com/resources/classroom-resources/problems/
Barvember is organised by White Rose Maths to encourage everyone to use the bar model.
https://whiterosemaths.com/resources/classroom-resources/barvember/
White Rose Maths have produced interactive whiteboard files for you to download to consolidate learning.
https://whiterosemaths.com/resources/classroom-resources/interactive-whiteboard-resources/

The National Centre for Excellence in the Teaching of Mathematics (NCETM)

The NCETM have produced materials to support the teaching of Reception children
https://www.ncetm.org.uk/in-the-classroom/early-years/
The NCETM developed Primary video lessons for use during school closures, these videos will also be useful for Covid 19 recovery.
https://www.ncetm.org.uk/in-the-classroom/teaching-maths-through-the-pandemic/primary-video-lessons/

Times table Rockstars

In either paper form or online, Times Tables Rock Stars is a carefully sequenced programme of daily times tables practice.
Each week concentrates on a different times table, with a recommended consolidation week for rehearsing the tables that have recently been practised every third week or so.
This format has very successfully boosted times tables recall speed for hundreds of thousands of pupils over the last 8 years in over 16,000 schools - both primary and secondary - worldwide.
www.ttrockstars.com

Maths Frame
www.mathsframe.co.uk
Mathsframe has more than 200 interactive maths games and 300 maths worksheets and assessments linked to the new curriculum. All resources are designed by an experienced KS2 teacher. New games and worksheets are added regularly.

The Oak National Academy
Nearly 10,000 free video lessons, resources and activities, from Reception to Year 6
Early Years Foundation Stage Maths Units
https://classroom.thenational.academy/subjects-by-key-stage/early-years-foundation-stage/subjects/maths
Key Stage One Maths Units
https://classroom.thenational.academy/subjects-by-key-stage/key-stage-1/subjects/maths
Key Stage Two Maths Units
https://classroom.thenational.academy/subjects-by-key-stage/key-stage-2/subjects/maths

Older children
Here are some tips for supporting your child's maths learning while schools are closed:
• Encouraging your child to set goals and make plans can help them learn independently. Older children can be more independent but will still need some support.
• Having a set time and place to study with the resources they will need can help keep children on task and make sure they have the tools for success.
• Practicing times tables, either online or on paper, can be a great tool to help your child remember maths facts quickly and easily!
• It can be hard to learn new maths concepts outside of school. Create time for your child to practice what they already know.
• Providing example problems of maths concepts can be helpful for your child. These should show all steps clearly and have a very similar follow-up problem for them to try. Find out more tips and resources from the EEF-
https://educationendowmentfoundation.org.uk/news/blog-supporting-the-learning-of-mathematics-at-home/