

Pupils at St John's Primary School participate in a Maths lesson every day where their knowledge and skills in many areas of Maths are practiced and added too. Pupils will be set Maths homework that matches learning in class from Year 1 onwards, but if you have time here are some additional activities you can do at home that will support your child's mathematical development this year.

Some of the key skills we will focus on with your child this year are:

- Count in multiples of 6, 7, 9, 25 and 1000
- Find 1000 more or less than a given number
- Count backwards through zero to include negative numbers
- **Recall multiplication and division facts for multiplication tables up to 12×12**
- Count up and down in hundredths



The biggest focus for your child this year will be securing their instant recall of multiplication facts and the corresponding division facts. This will support them in many other areas of learning as they progress through Key Stage 2 as well as ensure they are well prepared for the Multiplication Tables Check (MTC) which all Year 4 pupils take in June.

Practical resources and ideas:

- Practice counting out loud in patterns, you could do this together or take it in turns.
- Write out calculations for your child with missing numbers, for example: $6 \times ? = 72$ You could write the calculations with the total first, for example: $10 = 100 \div ?$
- While walking to school (or in the car) just ask: 'What is 4×8 ?' etc
- Spot the mistake – parent/older sibling to write out some multiplication or division questions with answers and your child then has to mark them, identifying and correcting any mistakes.
- If you have a multiplication grid at home, cover some of the numbers with a counter, can your child say what is missing? If you don't have a multiplication grid at home you could make one, this would help your child too.
- Sometimes finding your own silly rhyme or memory trigger to help remember a tricky fact may help, for example Mrs Truman always remembers 6×8 as 'six eights are what I hate, 48!' Can you/your child come up with any for the calculations they find hard to remember?
- 'Beat the calculator' have a card written with the calculations on, can your child give the answer before a parent/sibling get the answer on a calculator?

WEBSITES that could be useful:

- White Rose 1 minute maths app
- Whack a Mole – move the slider on the left to count in the desired pattern:
<https://www.ictgames.com/mobilePage/whackAMole/index.html>
- Hit the button: <https://www.topmarks.co.uk/maths-games/hit-the-button>
- <https://www.topmarks.co.uk/learning-to-count/paint-the-squares> Use this 100 square/ 120 square to make a counting pattern, talk about what you notice about the numbers that are highlighted and where they are in relation to other highlighted numbers.
- <https://www.topmarks.co.uk/ordering-and-sequencing/caterpillar-ordering> - select sequencing and then 'steps up to 9'.
- Stick and split - <https://maypoleeducation.com/>
- Super Maths Bowling - <https://mathsframe.co.uk/en/resources/resource/504/Super-Maths-Bowling-Multiplication>
- Facts Freaks (for quick recall of multiplication facts) - <https://www.factfreaks.com/>
- Multiplication check practise - <https://urbrainy.com/mtc>