

22nd February

Dear Parent

Supporting maths fluency at Stoneferry

To support the home learning, we would like to share some useful websites and areas for resources which you might find useful to support and improve arithmetic skills.

EYFS

Focus: Number recognition to 10 and number addition to 10

<https://www.topmarks.co.uk/learning-to-count/ladybird-spots>

<https://www.topmarks.co.uk/learning-to-count/teddy-numbers>

<https://www.topmarks.co.uk/addition/addition-to-10>

KS1

*Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward

*Read and write numbers to at least 100 in numerals and in words

<https://whiterosemaths.com/for-parents/>

<https://www.topmarks.co.uk/maths-games/5-7-years/counting>

<https://www.bbc.co.uk/cbeebies/topics/numeracy>

<https://nrich.maths.org/8934>

<https://www.timestables.co.uk/times-tables-shooting.html>

KS2

*Year 3 - recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

*Year 4 - count in multiples of 6, 7, 9, 25 and 1,000

*Year 5 - count in multiples of 2 - 12, 25 and 1000, read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit

*Year 6 - all of the above and read, write, order and compare numbers up to 10,000,000 and determine the value of each digit

<https://whiterosemaths.com/for-parents/>

<https://www.timestables.co.uk/times-tables-shooting.html>

<https://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://nrich.maths.org/9413>

<https://www.bbc.com/bitesize/subjects/z826n39>

KS1 and KS2 suggested ideas:

1. Hang up a times table sheet at home
2. Make sure they can walk before they can run. Teaching times tables should be like building a house – you need to start with the foundations! Teach your children the simplest tables first and save the harder ones (e.g. 7s, 8s, 12s) for the end.
3. Teach your children some patterns you know about the tables. One of the great things about maths is that it's full of tips and tricks – and times tables are no different. Our favourite trick involves using your fingers to figure out nine times tables. Start by spreading all 10 fingers in front of you. To figure out 9×1 , put your first left finger down. What are you left with? 9 fingers! For 9×2 put your left second finger down. What are you left with? 1 finger and a gap followed by 8 fingers or 18. This trick works up to 9×9 (8 and 1 or 81). That said, when teaching children these tricks, encourage them to ask why these techniques work and the mathematical reasoning behind them.
4. Listen to some fun songs. We recommend checking out videos made by Youtuber, Mr.DeMaio, an American elementary school teacher who uses clever parodies of pop songs to teach kids their times tables. Our favourite is definitely his cover of Bruno Mars and Mark Ronson's song Uptown Funk which aims to teach children their three times tables.
5. Quiz. This can be against someone or timed and good fun. The more work done on the tables, the more successful your child will be.
6. Praise. Everyone learns at different speeds; we must celebrate success at every opportunity.
7. There are some excellent apps for tablets and phones which are either free or a small charge. Hit the Button is an excellent app for a whole range of skills and ages.

We really are incredibly grateful of all your support, encouragement and engagement in working with the school in a short space of time and we would like to thank both parents and children. No matter how big the hurdle or challenge faced, your support has been incredible and we feel Stoneferry children have worked incredibly hard during the pandemic.

Attached is also the link for access to our calculation policy (which is on the school website under 'Home Learning'), this should also give guidance on how different strategies are taught through each year group.

<https://stoneferryprimary.org.uk/wp-content/uploads/2020/05/Stoneferry-Calculation-Policy-.pdf>

Thank you for your support.

Yours sincerely

Miss L. Northen