

Family Maths Evening



Taking a *sense of pride* in maths...



Welcome to Stanley Park Junior's *Family Maths Evening*. Thank you for coming! Below is the timetable for the evening. If you have any questions please feel free to ask the teachers in their workshops or during the presentation.

6.20pm	Arrive and take a seat in the main hall.			
6.30pm	Presentation about mathematics at Stanley Park Junior School			
	Parents/carers will be split into four groups and rotate through the following focus areas.			
Written methods	Problem Solving	Reasoning	Counting	
7.00pm A chance to see and experience the written methods used and taught at Stanley Park.	A workshop to help you understand the different types of problem solving that your child will learn from.	This workshop will demonstrate how reasoning and discussion are used to nurture a core understanding of maths.	A demonstration on the importance of counting and recall of known facts. Also, an opportunity to view the RM maths programme and mymaths.	
8.20pm	Any further questions and finish.			

I hope that you enjoy the evening and you learn more about how maths is taught and delivered here at Stanley Park Junior School.

Mr Tazzyman
(Maths Coordinator)



Some useful websites for Mathematics

www.amathsdictionaryforkids.com

Quite simply, one of the best websites around! It covers any tricky definitions in all areas of primary mathematics. If there are any pieces of homework that your child is finding tricky, this is a good place to start.

<http://nrich.maths.org/public/>

A fantastic website developed by the University of Cambridge. It features maths puzzles and problems designed to get children thinking about mathematical concepts. This website goes from KS1 to A-level. For children at Junior school, search for Stage 2 problems (maybe stage 1 for Y3 or stage 3 for Y6). The star ratings give the difficulty.

www.mathszone.co.uk

This site is split up into the different strands of mathematics in the current curriculum. Some of the links are a little old and may not work, but it is generally very useful.

www.fronter.com/sutton

Log on to Fronter to download material from the Maths room.

<http://www.bbc.co.uk/bitesize/ks2/math/>

A very clear, purposeful and modern website. Particularly useful for SATS revision.

<http://www.ictgames.com/resources.html>

Some useful games for the four operations and other maths basics.

www.mymaths.co.uk

Not just for homework! You will also find some excellent online lessons and tasks for the children to do. The content extends all the way up to level 7 and 8!

<http://www.bbc.co.uk/learningzone/clips/>

Relevant audio and visual clips can be searched for here. This isn't just for Maths, but for the whole curriculum right through to GCSE and sometimes beyond.

<http://www.channel4learning.com/sites/puzzlemaths/index.shtml>

This page has some excellent content and puzzles for children to practise their known facts and will appeal to the competitive spirit of children.

There are many other websites which are of benefit to your child's learning which can be found from Google. But remember, linking mathematics to everyday life is very important too! Find Maths in the day-to-day as well as letting them engage in maths on the computer.



Stories featuring Mathematics

Stories are a great way of engaging children, and adults alike. Below is a list of storybooks and a couple of children's novels that either explicitly use Maths, or feature mathematical thinking in some way. The first two are aimed at children from the junior age bracket. The final two are aimed more at key stage 1 children, though they are still of benefit to a junior child.

The Phantom Tolbooth by Norton Juster

This is a modern fairytale book about a boy who is very bored and journeys to a magical land by driving his toy car through a tolbooth. It features several principles of logic, paradoxes and reasoning as well as some very clever word-play and puns.

Alice's Adventures in Wonderland by Lewis Carroll

A landmark in children's literature! Carroll himself was mathematician and logician and this book contains numerous delightful and comic paradoxes, in particular at the Mad Hatter's tea party.

365 Penguins by Jean-Luc Fromental

A very confused family receive a penguin each day for a year. Lots of mathematical thinking and problem-solving ensues getting more challenging as the book progresses. It's also wonderfully illustrated.

Sir Circumference by Cindy Neuschwander

Sir Cumference is a knight in the kingdom of Camelot. He has a wife called Lady Di of Ameter and a son named Radius. A series of 6 (currently) books that help to introduce geometry principles to children.

If you have any other stories that you or children have come across featuring maths, please let us know by sending in a note with the name and author to school.