

# Mathematics at NPS



Please see a summary below to show what we have been getting up to in Mathematics at Nanaksar Primary School.



## National Young Mathematicians Award 2018



Once again, we would like to congratulate our 4 competitors of the National Young Mathematicians Award 2018 in reaching Round 2. A huge achievement!



NPS was visited by the team from Explore Learning to award our 4 proud pupils with a special certificate and medal to celebrate their outstanding achievement. We look forward to selecting new pupils in the next academic year to take part in the NYMA 2019.

## Explore Learning – Year 5 Workshop



On Friday 25<sup>th</sup> January 2019, Explore Learning visited our school. They set us two challenges to do in pairs. Brooke and Shivani, who were part of the Explore Learning team, gave us 12 clues and from them we had to make a particular pattern with the allocated numbers. With the same numbers we were given a second group of clues



and with them had to make a different pattern. This pattern was vertical in rows of three and columns of four, whereas with the first clue the result was a horizontal line of 12 numbers.

This task challenged all our abilities not just our maths skills but also teamwork. It was a fun day. I would love to have one of these days again.

By Cameron Taggar 5KJ

## MATHS TALK

Mathematical talk is essential to develop children's understanding of mathematics. It enables children to understand and use important mathematical language to explain their thinking of different topics.

At NPS we encourage an environment enriched with 'Maths Talk' which is modelled by the staff to encourage pupils to do the same.



Pupils are taught new vocabulary related to the topics and are expected to show their understanding of this through pictures and diagrams as well as their own explanations.

Every class has a 'Maths Talk' display which supports and encourages mathematical talk. We will be sharing our 'Maths Talk' language with parents so you can support your child at home to develop their mathematical language.

## Maths Mastermind Award



After a successful launch of the new Maths Mastermind Award last half term, we are extremely proud to see our pupils consistently demonstrating the mathematical skills required in solving reasoning style problems.

Pupils receive a special maths gift and a congratulations letter to inform the parents of their child's wonderful achievement.



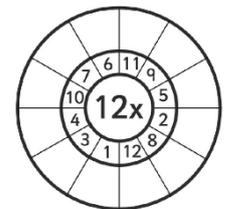
## Multiplication Tables

By the end of Year 4, all pupils are expected to rapidly recall their multiplication and divisions facts for the multiplication tables up to 12 x 12.

In preparation for the compulsory online Multiplication Check in 2020 for Year 4 pupils, we have extremely high expectations of all our pupils, to continue developing their knowledge and skills to mentally and rapidly solve multiplication calculations.

Here are some useful websites to help your child at home;

- ❖ <https://www.topmarks.co.uk/maths-games/hit-the-button>
- ❖ <https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>



## Problem Solving Workshops with Parents

We are pleased to announce that NPS will be our first parent and pupil Problem Solving workshop year!



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We are fortunate to be hosting an exciting session in collaboration with a team of experienced and skilled staff from Explore Learning to all Year 4 and 5 pupils. This workshop will enable parents to take part in an interactive, hands on problem solving session with their child and take home a range of strategies and ideas to support your child at home.

Please see the dates for the upcoming workshops.

More information regarding the workshops will be sent in due course.

<b>Wednesday 6<sup>th</sup> March 2019</b>	<b>4DP &amp; 4SW</b>
<b>Wednesday 13<sup>th</sup> March 2019</b>	<b>4BH &amp; 4SN</b>
<b>Wednesday 20<sup>th</sup> March 2019</b>	<b>5KJ &amp; 5NV</b>
<b>Wednesday 27<sup>th</sup> March 2019</b>	<b>5JR &amp; 5NK</b>