



NANSTALLON SCHOOL

AD VITAM PARAMUS

17 October 2019

Dear Parents and Carers,

Maths Update

Now that we have begun an exciting new school year at Nanstallon, I write to reflect and update you on developments and next steps for our maths curriculum.

Each school day involves a 'Number Talk', a short arithmetic-based session which encourages the children to not only practice sums using the four operations but also allows them the space and opportunity to explore mathematical pictures and develop their maths vocabulary and questioning. This compliments our maths curriculum.

Within our math lessons children are encouraged to reason and problem solve whilst building on their fluency skills of addition, subtraction, multiplication and division. It is during these lessons where children build their reasoning skills, developing their understanding of explaining their thinking and developing questioning skills. We aim to encourage children to develop a love of mathematics that will be purposeful in real-life contexts.

At the end of each term we assess children's arithmetic and reasoning and problem solving skills. By doing this we can identify any specific needs that your child might need further support with. It also tells us the progress they have made.

Each term as maths lead, I aim to offer workshops to help you support your child with homework and give an insight to how maths is taught at Nanstallon. Not only has the curriculum changed in recent years, but the methods and tools we use to support your child in their learning has also. The workshops that will be delivered will be as following;

- Addition and subtraction – *Spring 2019*
- Multiplication and division – *Spring 2020*
- Fractions – *Summer 2020*

The workshops offer a chance for you to see how we teach at Nanstallon but also it aims to share the fundamentals of the maths curriculum and how each year builds upon crucial prior learning. You can see the methods and resources we use and not forgetting the raffle and refreshments!

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These sessions are then added to our school's website if you are unable to attend.

Each term your child will also be given a 'top tip' sheet with support and guidance on how you can help your child with the four operations, fractions, shape, space and measure.

Where are we now?

In July we received our SATS results and were so pleased with the progress that the children had made. Our KS2 SATS results showed that 79 % of the children met the national standard in maths, this was in line with national figures.

Where next?

We have merged all of year 1 with EYFS to allow those year 1 children a further year to develop skills hands-on across the curriculum. This benefits children mathematically as they are able to explore numeracy based-skills in real life contexts through role-play in shops to building for measurement and weight. Most recently, children have explored using the water pump to transfer water using pipes from one container to another. Children encountered problems to solve and 'different ways' to tackle the problem. Another example saw children using cubes to make the tallest tower, they then decided to make it into compare which tower was taller and subsequently had the most cubes. Through this rich child-enquiry-led learning children are able to explore their own interests and use their carefully crafted surroundings and apparatus to support their learning. We are also investing the best training for teachers in Reception and Year 1 to ensure the latest evidence informed practice is applied in our school.

This year as a staff we will also be focusing on problem solving and we are looking to promote various 'challenge days' throughout the academic year where your child will have the opportunity to work with other year groups to explore various problems.

We are incorporating a 'maths across the curriculum' approach where maths can be explored through different subjects and children can enhance and consolidate their understanding whilst developing their skills across the curriculum.

We are looking forward to an exciting year and hope to see you at some of the parent workshops! If you have any questions in the meantime regarding maths please don't hesitate to ask.

Yours faithfully,

Miss Finlay

Maths Leader