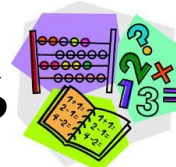




Maths Masterclass



Year 3: Spring 2

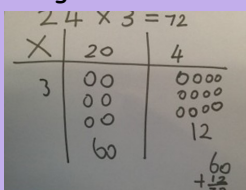
Welcome back to another Maths Masterclass Newsletter. We hope you are enjoying our Maths Newsletters. We have included the key coverage and some strategies that we use for teaching maths in class, alongside some online resources and activities for your child to try at home. We hope this helps with supporting your child at home and celebrating their success.

Multiplication and Division

This half term, we will be working on our recall of multiplication and division facts for the 3, 4 and 8 times tables.

You could help your child with this by counting in these multiples with your child and also asking them multiplication and division questions from $1x$ to $12x$ for the 3s/4s/8s!

We will then apply our multiplication recall to solve 2-digit multiplied by 1-digit numbers using written methods.



x	30	5
7	210	35

$$210 + 35 = 245$$

Geometry

In geometry, we will be focusing on angles and lines. We will be looking at whether angles are greater than or less than a right angle (a 90 degree angle). We will also be identifying horizontal and vertical lines. In addition to this, we will be identifying perpendicular lines and parallel lines. When you are out and about, perhaps you can spot some different types of lines together!



Statistics

In statistics, we will be learning about data on bar charts, pictograms and tables. We will also present data in these ways too. We will solve different problems linked to different data, such as 'How many more...?' and 'How many fewer...?' If you see any different types of charts/tables, even on food packaging for example, you can show your child and talk to them about what it shows and what it means.

Fractions

This half term, we will complete some work on fractions. We will be working on fractions of number. For example:
 $\frac{3}{4}$ of 20 = ?

For this, we would divide by the denominator and multiply by the numerator. So, $20 \div 4 = 5$ and $5 \times 3 = 15$. Therefore, $\frac{3}{4}$ of 20 = 15.

We will be solving fractions problems throughout our learning journey.

Family challenge

Maths Countdown:

Reset
cards and
target

Generate
new
target

640

25	5	6	8	3	1
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One possible way uses only 4 cards...

Reasoning

You may have heard the teachers talking to you about developing your child's reasoning skills. This is when you are able to apply mathematical concepts in a range of ways and being able to explain what they mean clearly. Here is an example for you to discuss:

Can you identify the odd one out? There is more than one possibility! Use some of the key words to describe your reasoning:

$\frac{7}{8}$	$\frac{5}{2}$
$\frac{5}{12}$	$\frac{5}{7}$

improper
fraction
digit

proper
numerator

mixed number
denominator



Maths at Home



Maths website to support parents and maths problem-solving at home



Nrich has a range of maths games, problems and articles on all areas of maths. Parents can select either 'Stage 1' or 'Stage 2' to support and consolidate mathematical concepts. These usually tie in with the Key Stage of your child.
<https://nrich.maths.org/frontpage>
Each problem has a difficulty rating with 3 stars being the hardest.

Raising the profile of Maths



A good understanding of everyday maths will help your child with the important tasks such as making decisions and understanding information. It will also help them develop lifelong skills. Whilst you are at home you could play maths related games to help engage your child. For example, there are so many 'undercover' maths games that can help your child learn and practise a range of basic skills such as Monopoly, Dominoes, Four in a row, Scrabble and general card games.



Please try to spend 10-15 minutes practising times tables as often as possible to support fluency. Fast recall of times tables really helps children when they solve problems and do more complex maths!

Each half term we will be running battles between the classes in every year group weekly and one for over the whole half term.

Our next battle will be running from **Monday 20th February — Friday 31st March.**

Having trouble logging on? Pop us an email at admin@hamble-pri.hants.sch.uk and we can try to assist.

YEAR 3:
Winning class:
GIRAFFES!

Lots of excellent determination with times tables across Year 3. Well done to all, keep it up!

Will we be seeing your class and name on the next newsletter?

Let's BATTLE!

