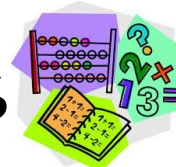




Maths Masterclass

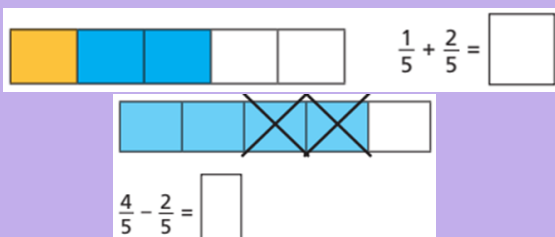


Year 4: Autumn 2

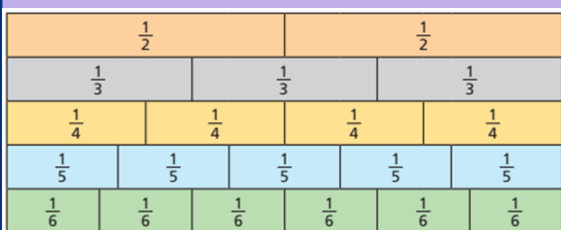
Welcome back to another Maths Masterclass Newsletter. We hope you are enjoying our Maths Newsletters. We have included the key coverage and some strategies that we use for teaching maths in class, alongside some online resources and activities for your child to try at home. We hope this helps with supporting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

Fractions

This half term, we will be working with fractions. We will be adding and subtracting fractions with the same denominator.



We will also be looking at equivalent fractions, finding different fractions that are equal to each other. Can you spot any equivalences to $\frac{1}{2}$?



Finally, we will be counting up and down in hundredths. We will build on the current understanding of tenths to then link hundredths to dividing tenths by ten.

Geometry

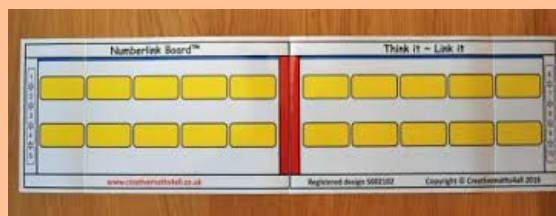
In geometry, we will be using coordinates to identify positions of points on a grid. We will plot points on a grid too and apply this to completing shapes on a grid. We go along the x axis, then up the y axis—'*along the corridor and up the stairs*' might be a saying your children hear during this part of their learning!

Statistics

In statistics, we will be looking at and presenting data on different graphs, including bar charts and time graphs. We will also answer different questions and calculations using different graphs, including charts, pictograms and tables. Looking at weather forecasts and train/bus timetables are a good way of exploring statistics in everyday life!

Multiplication and Division

Throughout this half term, we will be using our counting sticks and Numberlink boards to support our multiplication and division learning. We will be focusing on the 6, 7, 9 and 12 times tables over the next couple of weeks.



We will also look at mentally multiplying and dividing numbers, including by 0 and 1.

Family challenge

How many ways?

I spend 70p at the shop.

I pay with exactly 5 coins.

Which coins do I use?

Can you come up with one way?

Can you come up with another way?

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? Use some of the key words to describe your reasoning.

odd multiple ones
even hundreds tens
factor

32	64
81	144



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. 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 31st October — Friday 16th December.**

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

YEAR 4:
Winning class:
PENGUINS!

Lots of brilliant progress with times tables across Year 4. Well done to all, keep it up!

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

Let's BATTLE!

