Maths Masterclass

Year 3: 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.
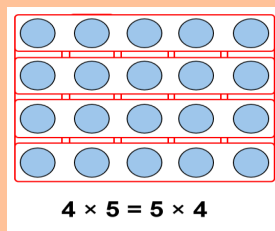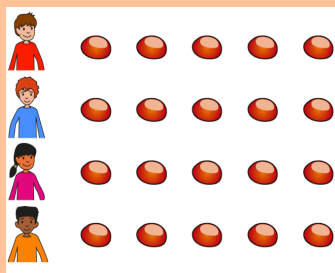
Multiplication and Division

This half term we will be focusing on recalling and using multiplication and division facts. Your children will be using a range of concrete resources for support. They will begin by revisiting their previous knowledge that multiplication can be shown as repeated addition.

Concrete and pictorial representations of 3 X 3
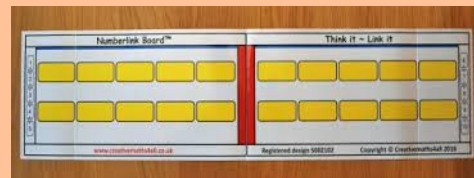

3 + 3 + 3

3   add   3   add   3   equals 9

The children will then look at other representations of multiplication facts and relate this to the corresponding division facts. This knowledge will then be used to solve worded problems.

$4 \times 5 = 5 \times 4$

20			
5	5	5	5

Finally, they will be using counting sticks and Numberlink boards to support their fluency of multiplication and division. These will mainly be focusing on the 3,4 and 8 times tables.
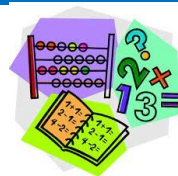
Fractions

This half term, we will be working with fractions. We will be counting up in tenths to recognise that a tenth comes from dividing an object into ten equal parts. Can you share your chocolate bar into 10 equal parts. Can you count up in tenths? Then have a go at adding some of the parts together.

$\frac{1}{10}$	$\frac{2}{10}$	$\frac{3}{10}$	$\frac{4}{10}$	$\frac{5}{10}$	$\frac{6}{10}$	$\frac{7}{10}$

We will also be recognising, finding and writing fractions of a set of objects. You could practise this at home when sharing out food. What fraction do you have? I have 1/3 of the cookies.

Maths at Home

Statistics

In statistics, we will be discussing and presenting data on different graphs, including bar charts and pictograms. We will then answer and solve problems using the information presented.

Looking at weather forecasts and train/bus timetables are a good way to see this in everyday life.

Hamble, Southampton, City Of Southampton
Updated a few minutes ago

☀ **14** °C / F   23° / 10°   Precipitation: 0% Wind: 2 KMPH Humidity: 80%

Sunny · Sun 8, 10:00 am

11 AM   2 PM   5 PM   8 PM   11 PM   2 AM   5 AM   8 AM

Sun 8	Mon 9	Tue 10	Wed 11	Thu 12	Fri 13	Sat 14	Sun 15
☀	⛅	⛅	⛅	🌧	🌧	⛅	⛅
23°	23°	20°	20°	18°	19°	16°	14°
10°	11°	14°	16°	16°	10°	5°	6°

What is the difference in temperature between Monday 9th and Tuesday 10th?

Which day has the lowest temperature?

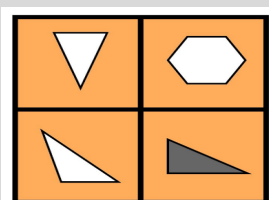|	15	15	15	15	15	15
Southampton, Pound Tree Road	06:15	07:30	08:30	09:30	10:30	11:30
Southampton, Westquay	06:16	07:32	08:32	09:32	10:32	11:32
Woolston, Bridge Link Road	06:23	07:39	08:39	09:39	10:39	11:39
Wrights Hill	06:26	07:43	08:43	09:43	10:43	11:43
Netley, Denzil Avenue	06:33	07:51	08:51	09:51	10:51	11:51
Bowcombe	06:35	07:53	08:53	09:53	10:53	11:53
Hamble Square	06:45	08:05	09:05	10:05	11:05	12:05

How often does a bus arrive in Hamble Square?

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 explain what they mean. Here is an example for you to discuss:

Find a reason why each shape doesn't belong -

Words to help— sides, vertices, corner, symmetrical, angles, length

Family challenge

How many ways?

I spend 70p at the shop.
I pay with exactly 5 coins.
Which coins do I use?

1. Can you find one way?

2. Can you find another way?

1p   2p   5p   10p
20p   50p   £1.00   £2.00

Our next battle will be running from
**Friday 24th October -
Friday 31st October**

Having trouble logging on?
Send us an email at
admin@hamble-pri.hants.sch.uk

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!

BAND A vs BAND B
BATTLE OF THE BANDS

The children have all been working really hard on their Heatmaps and practising their times tables!

Well done to all of our TTRS superstars!