



Maths Masterclass

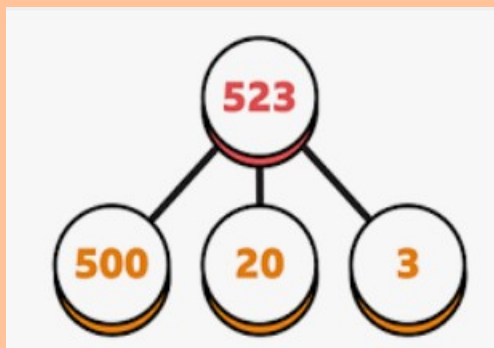


Year 3: Spring 1

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.

Place Value

Throughout this half term, we will be continuously revisiting previous knowledge to ensure the children understand the value of each digit in a 3 digit number.



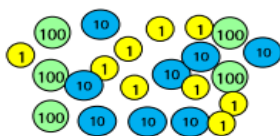
We will then use this knowledge to practise writing 3 digit numbers in numerals and words.

nine hundred and nineteen
three hundred and sixty-two
seven hundred and thirty-two
eight hundred and sixty-four

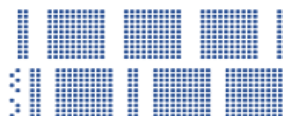
At home, you could play some games writing numbers in numerals and words. You could play—guess my number, what is the missing word?

We will also be counting in 50s and 100s. This easy to practise in the car or walking to school. Start at different numbers and count in steps of 50 and 100.

Which is the odd one out?



Five hundreds, eighteen
tens and nine ones



Six hundred
and eighty-nine

Reasoning
Maths Hub

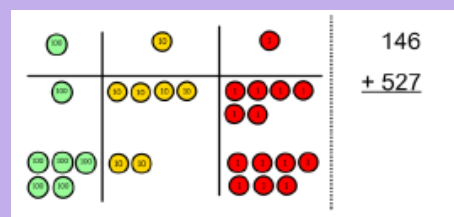
Explain your answer.



Finally we will be solving number problems involving these ideas. At first, we will solve them practically and then written.

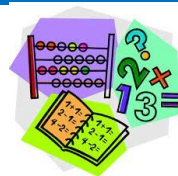
Addition and Subtraction

This half term, we will be focusing on the use of column addition and subtraction. We will be adding and subtracting numbers with up to 3-digits, ensuring we understand how to exchange accurately for this strategy. We will be applying this learning to the context of money, using pounds and pence. We will progress from fluency calculations to solving 2-step problems. Ask your child about exchanging. Can they teach you how to do it?



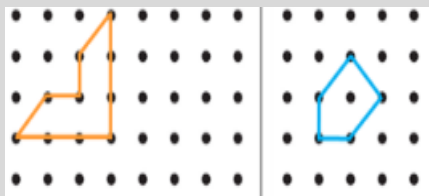


Maths at Home

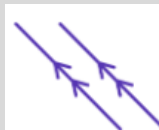


Geometry

In geometry, we will be learning how to draw 2D shapes accurately. We will be marking the vertices on a grid and then using a ruler to join the marked points together. We will then identify parallel and perpendicular lines on the 2D shapes.



Try to spot parallel and perpendicular lines at home. Take some photos to show your teacher.



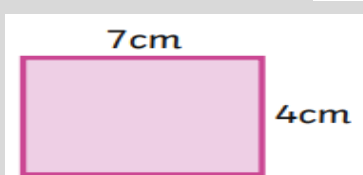
Parallel Lines



Perpendicular Lines

We will also be measuring the perimeter of 2D shapes.

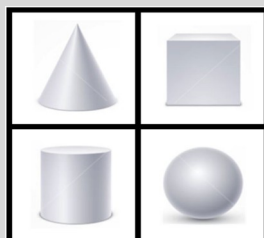
What is the perimeter of this shape?
(not to scale)



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 -



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

apex faces edges 3D
vertices curved straight
shaped circular

Family challenge

Spot the Mistakes

There is **one mistake** in each example. Find it:

The time is 8:30am

35 minutes ago the time was 7:55am

45 minutes later the time will be 8:75am

The time is 3:35pm

25 minutes ago the time was 3:10pm

25 minutes later the time will be 3:50pm

The time is 11:40am

15 minutes ago the time was 11:25am

30 minutes later the time will be 12:10am

Let your class teacher know the mistakes that you spotted.



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!

Our next battle will be running from
Monday 6th January — Thursday
13th February

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



YEAR 3:



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