Week commencing 20.4.20

Mathematics

Hello, this is Mrs Callaghan, here are some maths activities for the coming week. This week we will be continuing with some measurement activities and working on our knowledge and understanding of 3D shape,with a little 2D shape revision. Each day there will be a short calculation challenge to keep the strategies you have already learnt fresh in your mind. Only spend ten minutes on this. Then there will be an activity related to either shape or measurement to complete. This week some of these will be practical activities that are open ended. It would be very beneficial for you to practice your times tables for ten minutes each day too.

Times tables.

Go onto Purple Mash and use Monster Multiplication. to practise your times tables each day for ten minutes. If you know that you are already very confident with your fives, twos, and tens, move onto your threes. It's important to give yourself a comfortable level of challenge to keep moving your skills and knowledge forward.

Monday 20th of April

Calculation challenge.

Compare the measurements using the symbols greater than >, less than < and equal to =.

35cm + 10cm	35cm - 10cm
24cm + 5cm	21cm + 7cm
8cm - 3cm	6cm +4cm
9cm +2cm	9m +2m
15cm +17cm	37cm - 5cm

3D shape activity.

Finding 3D shapes around the home.

Can you find three cylinders and five cuboids, these shouldn't be too tricky to find. Can you find any other 3D shapes, maybe a sphere, a cone, or even a pyramid. Remember these can either be square based or triangular based.

Tuesday 21st of April

Calculation challenge.

Can you halve these numbers?

6, 8, 12, 16, 18, 22, 28, 30, 34, 46

Can you double these numbers?

2, 6, 9, 11, 24, 16, 22, 23, 35, 41

3D shape activity.

Today I have set you a 2do on Purple Mash. It is the 3D shape, pairs game.

Don't worry it's fun, I enjoyed playing the game myself.

Wednesday 22nd of April

Calculation challenge.

9	13	15	17
20	21	23	24
25	28	30	31
32	33	35	36

Write out the numbers in the grid that are a multiple of three in blue, write out the numbers from the grid that are multiples of five in red. Circle any numbers that are both a multiple of three and five.

2D shape activity.

If you had 18 lollipop sticks how many hexagons could you make (they can be joined together)? If you don't have any lollipop sticks cut 18 small strips of paper the same length and width and use those instead. How many octagons can you make? Will these tessellate? What other shapes can you make?

Thursday 23rd of April

Calculation challenge.

Reasoning and problem solving.

1. There are three dogs in a basket. The brown dog is 9cm taller than the yellow dog. The yellow dog is 2cm shorter than the white dog. The white dog is 7cm tall. How much taller is the brown dog than the white dog?

2. Freddie gives his friend 27p. He is left with 23p. How much did he have to begin with?

3. Jane has four 20p coins. She buys a bottle of water for 57p. How much money will she have left?

Symmetry and shape activity.

Can you draw four different shapes with a vertical line of symmetry?
Do any of your shapes have more than one line of symmetry?

Friday 24th of April

Calculation challenge.

Inverse operations.

I can find a division calculation that is linked to a multiplication calculation.

2 x 4 = 8	7 x 2 = 14	10 x 5 = 50
8÷ = 4	14 ÷ = 2	50 ÷ = 5
8 ÷ =2	14 ÷ =7	50 ÷ =10
4 x =8	2 x =14	5 x = 50

Measuring activity.

Ask your grown up to help you find ten food containers, these could be jars, tins, bottles etc. (Don't use cleaning products.)

Sort your containers into height order starting with the shortest and ending with the tallest.

Now use a piece of string to measure the circumference of each container at its widest point, (this means all the way round.) Now arrange the container in size order starting with the one with the smallest circumference and ending with the one with the largest. Did you need to rearrange the order of your containers?