

Hello Year 5,

I hope you had another good week. It was nice to see some of you on the Zoom call this week too!

We have been keeping busy as usual. This week, Ava transferred her sunflowers outside and has enjoyed looking at the book I am going to also ask you to read for next week too! (It will be in the home learning instructions on the website – don't worry!). She was only interested in the monkey pictures!



I hope you have all enjoyed your VE Day themed activities this week. The photos that are coming into school of all of your work are amazing! All the teachers are loving them. You can see if you are on the website too by going to the Gallery section in the Year 5 area and I'm sure some of you have seen Instagram already too!

Our cat Amber, has well and truly settled into our family and home. Although, she really wants to go outside but we can't let her because she hasn't had her vaccinations yet. We find her in all paces trying to get out our windows and trying to run out the door! Her and Ava had a little falling out too because Amber keeps sitting in Ava's box and she doesn't want her in there! I don't think either of them understands really! In this picture, Ava is shaking her finger at Amber, telling her off!



Next week it is National Numeracy Day and to mark the occasion I have added some fun Maths activities at the end of this document! You will see them again at the end of next week's work too! Do as much or as little as you like!

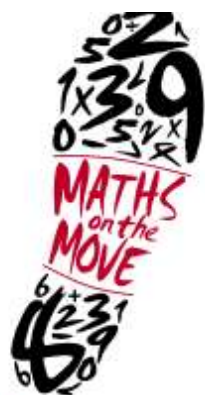
Please continue to send your work and photos to the school email address and don't forget to tell your parents to let us know if we can use them on the website and Instagram.

Hopefully, you enjoy all of your work coming up next week. As always, just try your best and don't worry if everything doesn't get done. Keep working hard and doing something to keep your minds and bodies active.

Speak to you next week. Stay safe.

Love,

Mrs Hickman x



HOME Challenge Sheet

Year 5 and 6

1 How many handles?

Count all of the door handles in your house.

What fraction of the handles have locks?

2 Odd socks



Take three different pairs of socks (6 socks in total). How many new pairs of socks can you make from the 6 socks you have?

3 Stop the clock star jumps



Use a stopwatch to time yourself doing 15 star jumps. Have five attempts and record the times.

What was the fastest time?

What was the difference between the fastest and slowest time?

4 How long?



Estimate the length of a room in your house.

Now measure it. How close were you?

5 Always read the label!



Take a box/packet of food. Add up every number on the packet.

Check your answer with a calculator!

6 Find the area



Measure the area of the smallest and largest rooms in your house.

Smallest

Largest

What is the difference between your answers?

7 Count and multiply $+X$

Count each of the following in your house: chairs, doors, cupboards, windows, pillows, spoons, clocks and shoes. Now multiply the following pairs together. Before you begin counting - which calculation do you think will have the largest total?

Chairs x Doors

Cupboards x Windows

Pillows x Spoons

Clocks x Shoes

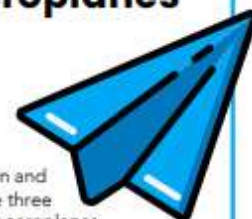
8 Prime number hunt



How many prime numbers are written around your house?

What is the largest prime number you can find?

9 Paper aeroplanes



Design and create three paper aeroplanes. Record the distance each plane flies and see which one flies the furthest.

Plane 1









Plane 2

Plane 3

What was the difference in cm between the three distances?

10 Maths on the Move number trail

Download and cut out the question cards and follow the answers around the house. [Download](#).

<p>Be a detective and go on an angle hunt in your house and garden. What angles can you spot.</p> <p>Challenge: Take accurate measurements of these angles.</p> 	<p>With the help of an adult, make a cake or biscuits. Your job is to measure out the ingredients, reading the scales carefully. You can take a picture of this to show us.</p> 	<p>Create a bar chart or pie chart of your family and friend's favourite foods or animals. You could phone family members who do not live with you to gather more information.</p> 	<p>Create a maths poster on any topic you like. This could be fractions, times tables, division – whatever you choose. Remember to include some fun facts and pictures.</p> 
<p>Measure the perimeter of the rooms in your house. Compare these with each other.</p> <p>Challenge: Work out the area of one of these rooms.</p> 	<p>Create your own Mondrian piece of art work. What will you use to draw the lines? Label some lines that are horizontal, vertical, perpendicular and parallel.</p> <p>https://www.tate.org.uk/art/artists/piet-mondrian-1651</p>	<p>Look for patterns in nature (in your garden or on your family daily walk). Describe the patterns. Do they tessellate? How often do they repeat? Can you create your own pattern based on what you have seen.</p> 	<p>Use old plastic bottles to make skittles. Write a single digit number on each skittle. How many can you knock over with one go? Add up your score and multiply this by 10. Can you make an alternative to this game?</p> 
<p>Design your own maths game. Play this with your family.</p> 	<p>Create a maths rap or poem and perform this.</p>	<p>Create a maths quiz – write at least 10 questions down (you must know the answers to these). Be the quiz master and play this with your family. Who wins?</p>	<p>Choose five numbers. How many different addition and subtraction calculations can you create using these numbers? Extend to all four operations?</p> 