**Year 6 – Home Learning Challenge 8**

Hello Year 6, Hope you are all well! This week we are going back to Maths around your
home.
Remember your daily activities – to be reading for 15 minutes, learning your spellings and keeping fit and healthy. Could you create your own work out?

**Be inventive.**Design and play your own Mathematical board game.
What age is your game aimed at?
What mathematical knowledge is needed?
Is your game visually appealing?
Have you created instructions?

**You’re the teacher!**

You have been learning all about decimals. Can you teach an adult how to multiply a decimal by a whole number?

**Maths from your window..**Look outside with a Mathematical eye. What can you see?

Shapes? Symmetry? Parallel lines? Dimensions?

You will be amazed at how much Math surrounds us.

**Count and Multiply**
Count each of the following in your house: chairs, doors, cupboards, windows, pillows, clocks, spoons and shoes.

Before you begin counting, which calculation do you think will have the largest total?

chairs x doors
clocks x shoes
pillows x spoons
windows x cupboards

**Paper aeroplanes.**

Design and create three paper aeroplanes. This can be done with who you live with.
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?

**Prime Number hunt**

How many prime numbers are written around your house?

What is the largest prime number you can find?



**Weekly fun task**
This week, be the reason someone smiles.
What kind gesture could you do for a family member? A friend? A neighbour?

A smile is contagious ☺