**A picture containing food, room

Description automatically generatedYear 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?

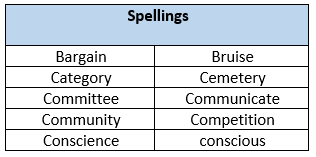
**You’re the teacher!**  
  
You have been learning all about decimals. Can you teach an adult how to multiply a decimal by a whole number?

**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 ☺