

**Wednesday 25th March 2020**

Today in Maths, we want you to explore arrays at home. An array is a set of objects in rows and columns that show a multiplication fact. We have included some examples here to help you get started!



This Array shows  
 $4 \times 3 = 12$



This Array shows  
 $3 \times 5 = 15$



This Array shows  
 $5 \times 3 = 15$

We want you to make **as many arrays** as you can using different objects you can find in your house!

**Try and remember it is rows x columns!**

Can you make an array for  $3 \times 3 = ?$

Can you make an array for  $5 \times 4 = ?$

Can you make an array for  $2 \times 6 = ?$

Can you make an array for  $8 \times 2 = ?$

**Year 3 challenge** – Try making an array for all of the 4 timestables. What other facts can you see?

Can you make any more multiplication facts?

**Year 4 challenge** - Try making an array for all of the 7 timestables. What other facts can you see?

What commutative facts can you find? (If  $1 \times 7 = 7$  then  $7 \times 1 = ?$ )