Wednesday 29<u>th</u> April 2020

<u>WALT understand what it means to divide by 3</u>

<u>Success Criteria:</u>

I can divide by three through sharing

I can divide by three through grouping

I can use an array correctly

Key vocabulary: sharing, grouping, equal, altogether, array

Write the date, WALT and success criteria into your purple books.

To warm your brains up, practise dividing by three on hit the button three times:

https://www.topmarks.co.uk/maths-games/hit-the-button

Today you are going to focus on dividing by three through sharing and grouping.

First watch the video to remind you of the difference between grouping and sharing:

https://www.youtube.com/watch?v=bdglIPNNhuI grouping and sharing equally

Now watch this video to remind you of what an array is and how it can help you to share and group equally. .

https://www.youtube.com/watch?v=mwig70aQuHI division using an array (grouping and sharing)
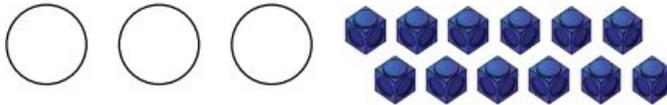
What is an array? First explain in your own words in your purple book.

How can we use it to help us divide by three? Show me by coming up with your own division sentence and drawing an array to match it. Write out the two division sentences and show me how many equal groups there are and how many are in each group.

You are now going to answer the following questions below and decide whether you are grouping and sharing and explain how you know.

Write number 1. First write out the question below and copy out the exact amount of bowls and fruit (separately). Then read it twice and underline any key words. Before you write the answer in your book, use safe objects in your home to help you to re- create the image below and work out the answer. Once you have worked out the answer, please show me in your purple book how you worked it out using an array. Write the division sentence and answer to match it. Underline or write the answer in a different colour.

There are 12 pieces of fruit. They are shared equally between 3 bowls. How many pieces of fruit are in each bowl?
Use cubes/counters to represent fruit and share between 3 circles.

(question from White Rose scheme of learning)

Have you shared or grouped the pieces of fruit? How do you know? Write the questions and answers in full sentences in your purple book.

Write number 2. First write out the question below. Then read it twice and underline any key words. Before you write the answer in your book, use objects in your home to help you work it out. Get 21 small and safe objects. Work out what you are splitting them into. Now you have worked out the answer, please show me in your purple book how you worked it out using an array. Write the division sentence and answer to match it. Underline or write the answer in a different colour.

Bobbles come in packs of 3
If there are 21 bobbles altogether, how many packs are there?

(question from White Rose scheme of learning)

Have you grouped or shared the bobbles? How do you know? Write the questions and answers in full sentences in your purple book.

Challenge: Create your own word problem on grouping or sharing and give it to someone at home to answer.