Year 1
Maths
Wednesday 17/06/2020

To find a quarter of a quantity.

- I can share out objects into 4 quarters.

- I can make sure that I do it fairly so that each quarter has an equal quantity/amount.

- How many pairs of numbers can you think of that add up to a total of

8 ?

- Write them on your whiteboard.
- How can you check that you have got all of the pairs?

Main Teaching:

- Recap of last lesson: What did we find out about **quarters (**or **fourths)** in our last lesson?

- A **quarter** is one of **four <u>equal parts</u>** of a **<u>whole</u>** object, shape or quantity/amount.

- We can also call it **one fourth** because the shape, object or quantity/amount is split into 4 equal parts.

- There are **4 quarters** in a **whole** object, shape or quantity/ amount.

Activity:

- Today we are going to be finding a quarter of different quantities/amounts.

- Modelled example:

How can I find a quarter of 8?

I will use the cubes to help me.

(If you are at home, use any objects)

- I will need to make sure that each of the four quarters has the **same (equal)** amount.

- I am going to use the part/ whole frame to help me.

- I will put the 8 cubes in the space at the top as that is the **whole** amount.

- What shall I do with the 8 cubes? How can I find out what one quarter of the whole amount is?

- (Home learners: Model sharing out the 8 cubes , one at a time, into each 'part' below. When all the cubes are shared out, count the cubes in each part to make sure that they all have an equal amount)

- We have shared the 8 cubes out fairly into each of the 4 parts.

- Each part has 2 cubes in it so we can say that one quarter of 8 is 2.

- If we put all the quarters/ parts back together, we would have the whole amount of cubes that we started with.

Activity:

- You are going to use your part/ whole frames to find one quarter of different quantities of cubes.

- Remember to count the whole set of cubes carefully as you place them at the top of the frame. Then share them out, one at a time, into each of the 4 parts/quarters.

- Today we are going to do it practically, and work through together.

- 4

- 16

- 12

- 20

- **Recap** on what you have been doing today.

- Can you explain to someone what you were doing to find one quarter of a quantity?

Finally…

- Sue has 24 apples and she wants to save **one quarter** of them to cook in a pie.

- How many apples will she need to save?
- Can you help her work it out?

(You can use your cubes or objects and part,whole frame)