Year 1
Maths
Friday 19/06/2020

Lesson Aims

To apply my knowledge of **quarters**.

- I can use what I know about finding one quarter to help me solve a problem.

Starter

- Play a game of ‘ping pong’ where the adult ‘bats’ a number, that is less than 10, to you.
- You have to ‘bat’ back the number that you would add to it to make10.How long can you keep the rally going?
- *Challenge: You can extend this by choosing numbers that add together to make **20**.*
- *(Remember to use what you know about the pairs that total 10 to help you.)*

Main Teaching:

- Quick recap : What have we learnt this week about finding one **quarter of a quantity/ amount**?

- We learnt that **four quarters** make **one whole** of an object, shape or quantity.
- We leant how to find one quarter of a shape(by folding), and we also shared out different quantities/amounts of objects into 4 parts to find out how many would be in each quarter.

Activity: Can you solve the problem?

If one cube is a **quarter,** what could the **whole** look like?

Share your ideas.

How many different possibilities can you make?

*(Home learners: you can use the squares provided and use each one to represent a cube. How many different 'whole' shapes can you make**?)***

Challenges:

If **two** cubes are a quarter, what could the **whole** look

How many different possibilities can you make?

If **three** cubes are a quarter, what could the **whole** look like?

How many different possibilities can you make?

Finally:

- If I made this shape with **one quarter** of my cubes, how many cubes would there be in the **whole** set of cubes? How can I work it out?