



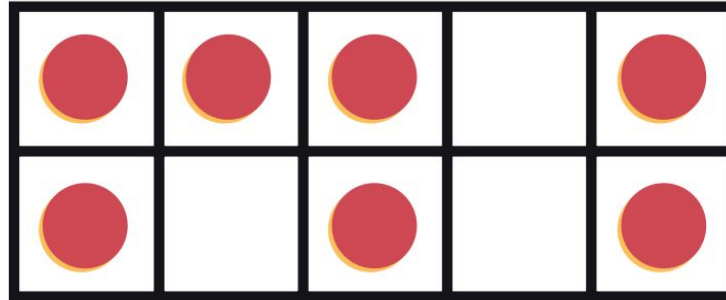
Y1 Numbers to 10 - Finding Patterns

MATHS KNOWLEDGE ORGANISER



ESSENTIAL VOCABULARY	
Number line	A line on which numbers are marked
Equal to	The same amount
More than	A larger amount
Less than	A smaller amount
Regrouping	Rearranging objects into groups to count
Subitising	Say how many there are without counting
Conservation	7 teddies have the same value as 7 dolls
Tens frame	A rectangle with 10 equal spaces. Counters can be placed in them to show numbers less than or equal to 10

Tens Frame - how many? Can you remember and copy this pattern? Can you show this number in a different pattern?



Stem Sentences

I notice that there are six in each group.

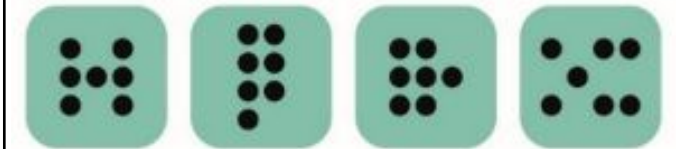
The objects in the groups are different sizes.

There are 6 dots on the dice and the 6 on the tens frame but they look different.

LINKS TO PREVIOUS LEARNING

In Reception children will have recognised quantities up to 5 (without counting each item) They will have compared quantities up to 10, recognising when quantities are more than, less than or the same as the other quantity.

How many? Do you count each one or can you see how many by looking?



What's the same, what's different?

Maths Mastery

Play a game using a tens frame and a dice with a partner

Aim: to fill each space with a total of ten dots.

Rules:

- Roll a dotty dice and record the dots rolled in one of the spaces on the grid.
- Take turns to roll the dice and add the dots to a square on the grid.
- The player that rolls the correct value to fill the space with ten dots wins that space on the grid.
- The player who wins the most spaces on the grid is the winner once all the spaces have ten dots.

What do you notice?

What's the same and what's different?

