

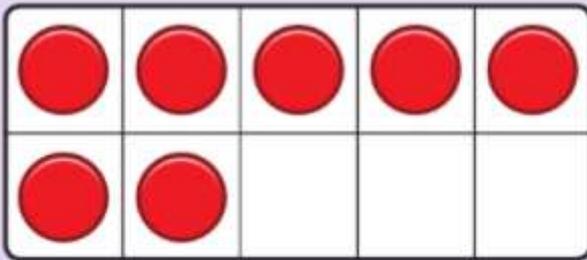
Monday 22nd February

Maths

L.o- To explore the composition of 10.



How many more
do I need to make 10?



Starter

Prerequisite check focus- To use knowledge of number bonds and tens frames to determine how many more counters are needed to make 10.

Look at the picture above and ask your child the questions below:

- ✿ How many counters are in the ten frame? Do you need to count them all?
- ✿ How many counters are in the top row? How do you know?
- ✿ How many empty spaces are there? So how many more are needed to make 10?
- ✿ When you add one more counter to this ten frame, how many more do you need to fill it now?
- ✿ If you take one counter away, how many more do you need to fill it now?

Stimulus



Look at the photograph together. Encourage your child to talk about what they can see.

The photograph shows a child with 8 fingers up and 2 fingers folded over to show the number bond 8 and 2 or 2 and 8.

Can you show what you see in the picture with your hands?

Ensure your child understands that the child in the photograph has 10 fingers, so is showing a number bond to 10.

Encourage your child to say what they see as a number bond to 10: '8 and 2 makes 10'.

Your child should then explore how many different ways they can make number bonds to 10 on their fingers. Each time they show a different pair, encourage them to say the bond to 10 e.g. 7 and 3 makes 10.

Each time they show you their fingers ask the following questions, the final question can be asked after the first time they show 2 sets of numbers on their fingers and doesn't need to be repeated):

- ✿ How many fingers are pointing up? How many fingers are folded down?
- ✿ How many fingers are there altogether? How can you say this? [8 and 2 make 10]

- ✿ When 3 fingers are up how many will be folded down? (you could repeat this changing the numbers encouraging them to find the answer)

Get Active

Both games should be played in partners

Game 1:

1. One person shows their fingers, some folded down and some up.
2. Their partner says what they see e.g. 3 fingers up and 7 fingers folded down makes 10 fingers altogether.
3. Swap over.

Your child may be able to answer without counting, otherwise, encourage them to count to each finger, carefully pointing to each as they say the number name.

Game 2- complete the number bond. You will need number cards 0-10 for this

1. Lay the number cards out
2. One person shows a number
3. The other person shows the number card to complete the number bond to 10.