

Maths Mastery Home Learning Challenge

Adult Guidance

What Are We Learning?

We are learning that all numbers are made up of smaller numbers, and about the different ways that numbers four and five are made up.

How to Set up the Challenge

- Collect five soft toys, such as teddies or other cuddly animals. You could also use other objects with some similarities and some differences, such as toy cars.
- Provide two circles for your child to use as a sorting diagram. This could be two large plates or two circles drawn on paper.

How to Get Your Child Thinking

Start with four teddies. Ask your child:

- How many teddies are there?
- Can you find a way to sort the teddies?

Help your child to ask a 'yes/no' question which sorts the teddies into two groups, and place them in the two circles. Ask your child:

- How many teddies are in this circle? How many are in the other circle? How do you know?
- How many teddies altogether? How can you check?
- Can you find a different way to sort the teddies?
- Is there a different number of teddies in each circle this time?
- Can you find a way to sort the teddies so that there are four in one circle and none in the other?

Repeat the activity with five teddies, asking the same questions.



Teddy Bear Sorting



- How many teddies do you have?
- Can you sort the teddies into two groups? Can you explain how you sorted them?
- How many teddies are in each group? How many altogether?
- Can you sort the teddies a different way? How many are in each circle now?
- How can you sort the teddies so that they are all in one circle? How many are in the other circle?