Wednesday 3rd February
Maths

L.o- To identify the whole.

You will need:

- The part-whole model you used in yesterdays lesson
- 10 objects
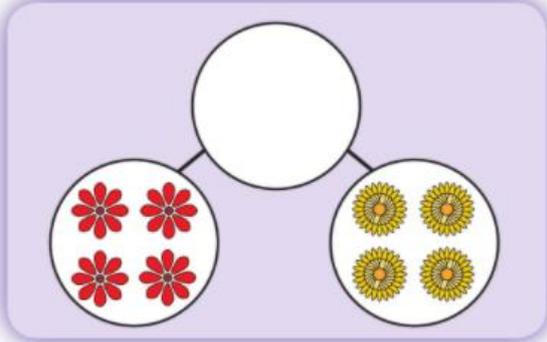
Think together

Look at the picture below with your child.

Think together 🎓

① How many are there altogether?

*I can see how many without counting.*

1. Ask the following questions whilst looking at the picture:
   - 🐝 How many flowers can you see in each part?
   - 🐝 How many flowers are there altogether?
   - 🐝 Can you see without counting each flower?

2. Ask the following questions whilst looking at the picture:

   - 🦋 What do you notice about the part-whole model this time?
   - 🦋 Look at the comment made by Flo in the yellow speech bubble. Is Flo right?
   - 🦋 Where is the whole now?
   - 🦋 Where are the parts?
   - 🦋 Does it matter is the whole is in a different position? (no)
   - 🦋 How can you tell which is the whole?
   - 🦋 How many butterflies are in each part?
   - 🦋 How many altogether?

② How many are there altogether?
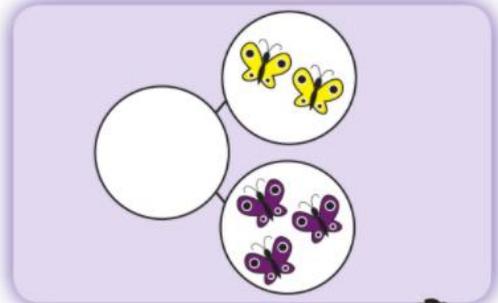
I think the whole has moved.

Strengthen:

Using the part whole model and 10 objects.

- Ask your child to place objects into the part-whole model to match the flowers shown in picture 1.
- Count the flowers/objects from the parts into the whole and back into the parts.
- Once you have done this rotate the part-whole model so the whole is on the other side.
- Where are the parts now?
- Where is the whole?
- Does the whole stay the same, even if you move it?
- How do you know?

Deepen

Continue to explore the part-whole model in various orientations. Ask the following question whilst doing so:

- Is it possible to have the whole at the bottom of the part-whole model?

Move concrete objects between the parts and the whole, encourage your child to tell a number story about the part-whole model they create, as we did in yesterday's session. E.g There are 6 blue buttons and 4 red buttons. There are 10 buttons altogether.

Complete the part-whole models on the next page
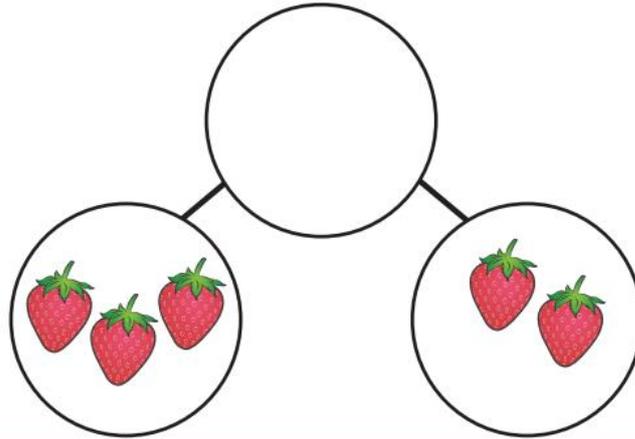
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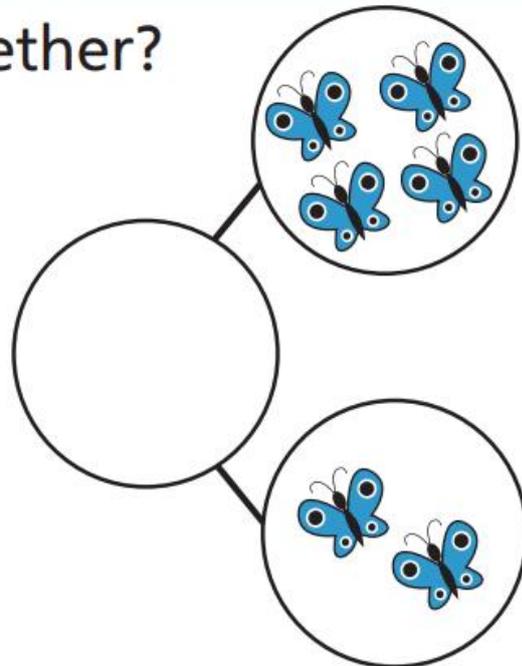
L.o- To identify the whole

Draw the pictures, to represent the whole for each of the questions below.
Can you tell your adult the number story to go with them? (Adults please annotate next to the part-whole model, your child's number story)

How many 🍓 altogether?

How many 🦋 altogether?