

## Tuesday 5<sup>th</sup> January – Maths

Learning objective – sorting objects into two groups

Starter – Count to 5 and back. Sort a group of objects into 2 groups eg pens and pencils or coloured pens/pencils.

Review vocabularly – more, fewer, same, different

### Common misconceptions

When using the vocabulary 'whole', your child may confuse the meaning with the word 'hole' as in hole in the ground. Ask what is the whole of our family? What are the parts of our family?

When counting the parts in a part-part whole model to find the whole, your child may include the whole in the count. Encourage your child to count out loud, using counters and objects from around the house. Ask: Where is the whole in this model? Where are the parts? How many parts make this whole? Do you need to count the whole as well?

**Unit 6** Number bonds within 5

**Introducing the part-whole model**

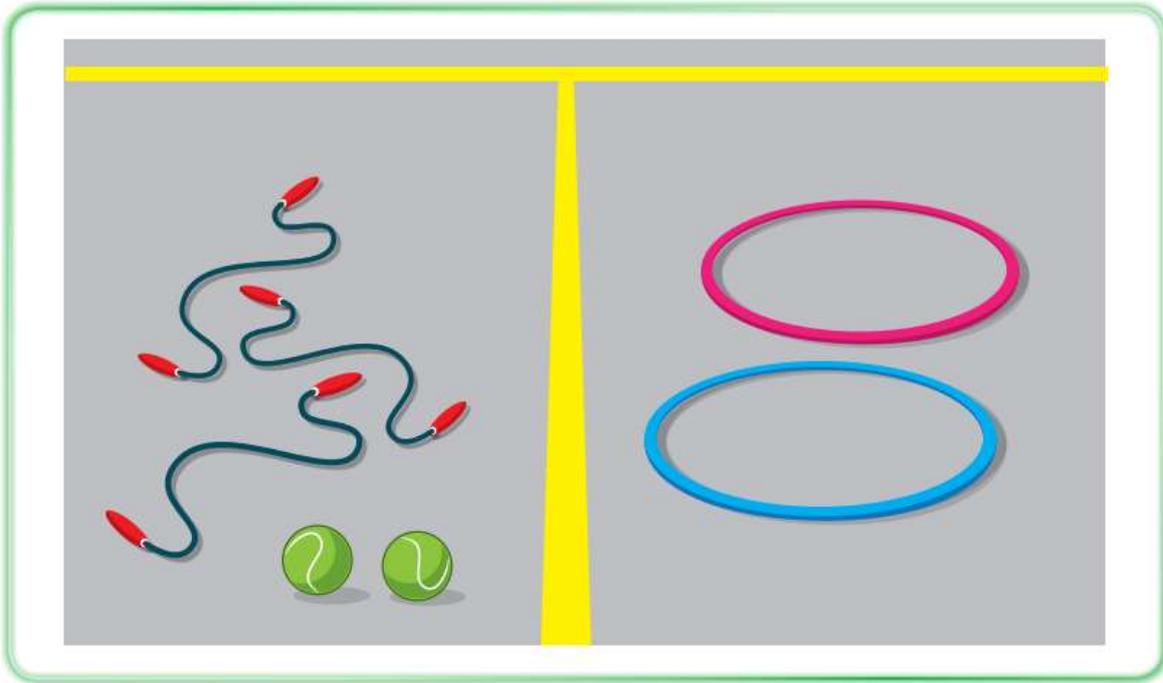
Let's sort the objects into 2 groups.

Let's look!

The illustration shows a boy and a girl. The boy is pointing to a group of five colored pencils: three white, one yellow, and one red. The girl is standing next to a large empty box with a small icon of a picture frame inside, intended for sorting the pencils.

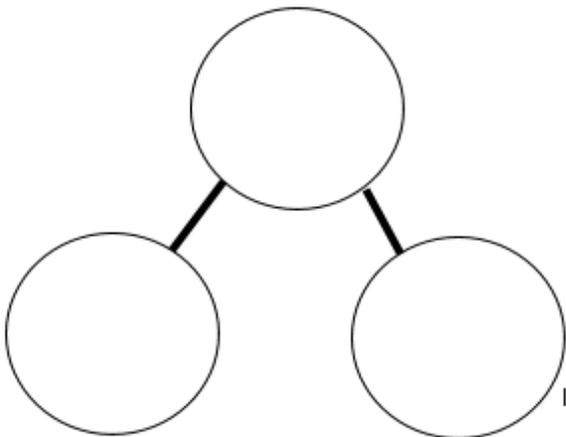
Questions to prompt learning

- 👤 Can you remember what 'sort' means?
- 👤 What objects are shown here?
- 👤 Which item are there more of? Which item are there fewer of?
- 👤 How could you sort them into two groups?
- 👤 What colours are they? Is there another way to sort them?



Look at the picture as a prompt.

- 🐜 What can you see?
- 🐜 What might the two parts be? Where could you put the two parts to make this clear?
- 🐜 [After deciding how to sort the parts] If these are the parts, what is the whole? And if you break them up again into two groups, what are the parts?



Use the picture to lead into practical activities.

Lay hula- hoops on the floor in the shape of a part-part whole model as in diagram opposite. Place 3 skipping ropes (or objects the same) and 2 balls (or objects the same) in the whole hoop at the top.

Ask the children to sort the items into the two part hoops, using the questions above as a starting point if necessary.



Take photos of your learning and post on Tapestry.