

Part-Whole Model – Practical Activities

Advice and ideas

Maths

Provide paper plates, or sorting rings, to help children split up an amount of objects, e.g. counting bears. Supporting adults to reinforce the language 'whole' and 'part'.

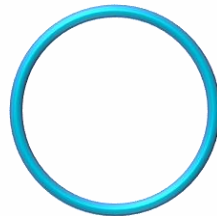
Malleable

Using dough, encourage children to look at an example provided, e.g. 7 'buns' shared between 2 plates. Can children explore different ways of making the 'parts'?

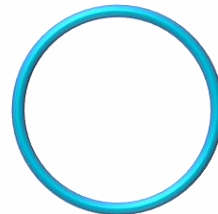
Maths

123

Share the bears.



part



part

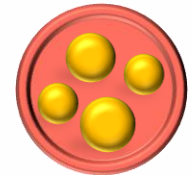
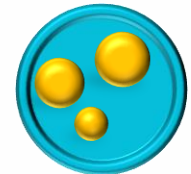
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Malleable

123

Find a different way.



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Advice and ideas

Construction

Provide a specific quantity of bricks, e.g. nine, and encourage children to put the bricks into a part-whole model. Revise the vocabulary part, part, whole and verbalise what has happened.

Creative

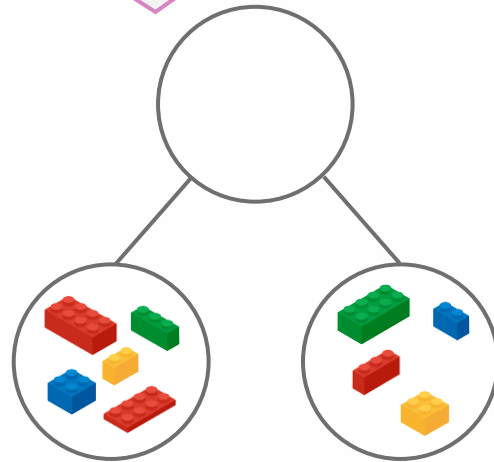
Provide two or three 'parts' to ensure children are presented with different orientations. Invite children to work with a small amount of craft resources exploring different possibilities.

Construction

123

Share the bricks.

The whole is 9.
5 is a part and 4 is a part.



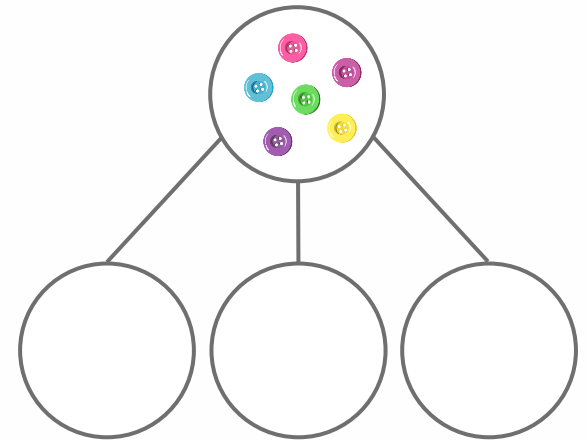
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Creative

123

**Complete the
part-whole
model.**



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Advice and ideas

Sand

Set up a part-whole model in the sand area or invite children to make their own. Provide a small amount of pebbles for children to complete the model. Provide different orientations.

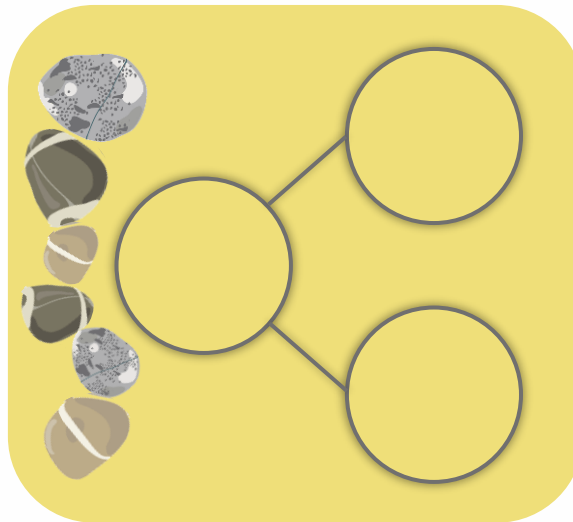
Water

Investigate how many 'parts', e.g. bottles, it takes to fill the 'whole', e.g. a bucket, and then explore the different ways this could be represented using part-whole models.

Sand

123

Complete the part-whole model.



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Water

123

How many parts are there?



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