**Introduction to the part-part-whole structure of a number:**

The part-part-whole structure is a relationship that shows how numbers can split (partition) into parts and the parts can combine again to form the whole. This relationship underpins the concepts of addition and subtraction and is an essential precursor to later work on number and calculation. We would not yet use the + and = symbols. At this stage when discussing this learning we would use the language ‘1 and 2 is the same as 3’ or ‘2 and 2 is 4’.

**Partitioning a whole number into parts and recombining:**

Breaking numbers apart and putting them back together again is an important activity for young children to gain a deeper understanding of the composition of a number.

**Conservation of number:**

A number can be partitioned in different ways but the whole number remains the same.

Now watch Numberblocks episode: <https://www.youtubekids.com/watch?v=q7p9Y_fPWBk&hl=en-GB>

See photographs below for more information.

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