

FUNKY CHART

Exhibit 8 - Learning multiplication through repeated additions.
Conceptual understanding of multiplication.

• **Level of difficulty**
Level 2

• **Duration of the activity**
15 minutes

• **Number of participants**
Individual activity

• **Mathematical concept**
Approach to Multiplication

• **Inventory**
- Compartment Box
- Buttons
- 1 workshop sheet with multiplications on it

• **Skills worked on**
The child identifies the meaning of multiplication and learns how to link the results with addition and visual representations. with symmetry art

The diagram illustrates the 'Funky Chart' activity. On the left, a legend shows a light green rectangle labeled 'boxes used' and a yellow circle with four dots labeled 'button'. Below the legend, the multiplication problem $2 \times 3 = ?$ is shown. The number 2 is inside a light green box, and the number 3 is inside a yellow circle. To the right of the problem, there are three vertical light green boxes. The first two boxes each contain three yellow buttons stacked vertically, representing the multiplication 2×3 . The third box is empty, representing the result of the multiplication.

To Go Further

If you want pupils to work with higher numbers, you could use a bigger compartment box, for multiplications such as 5×5 , 7×6 , etc.

Learn more about the Recreamaths project at recreamaths.eu