

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

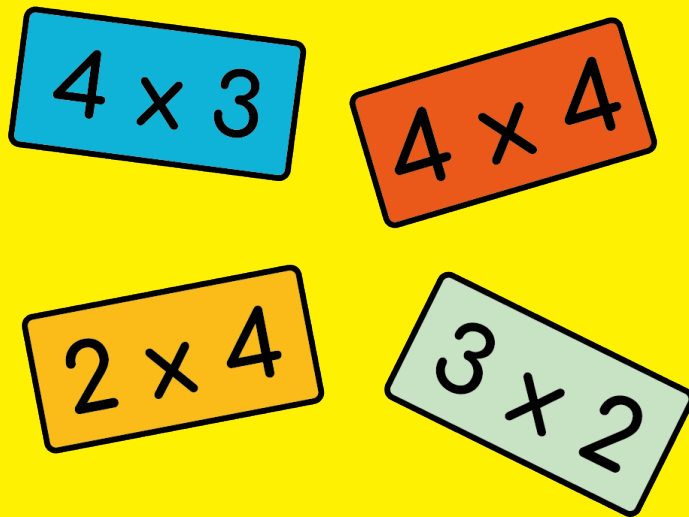
• **Mathematical concept**
Approach to Multiplication

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

• **Skills worked on**

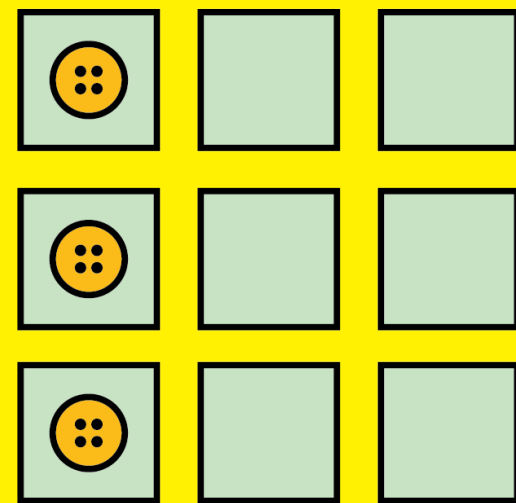
The child identifies the meaning of multiplication and learns how to link the results with addition and visual representations, with symmetry art

1



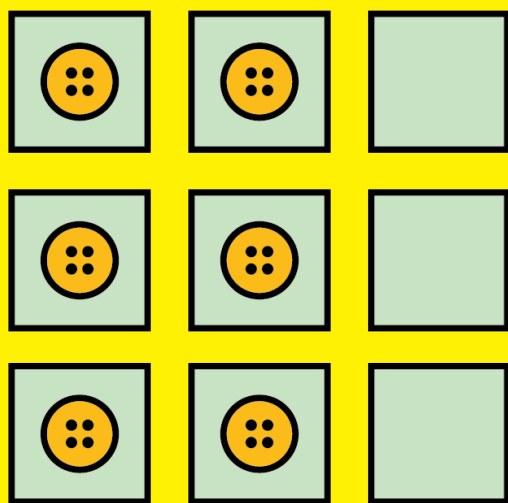
Choose a card when indicated by your teacher.

2



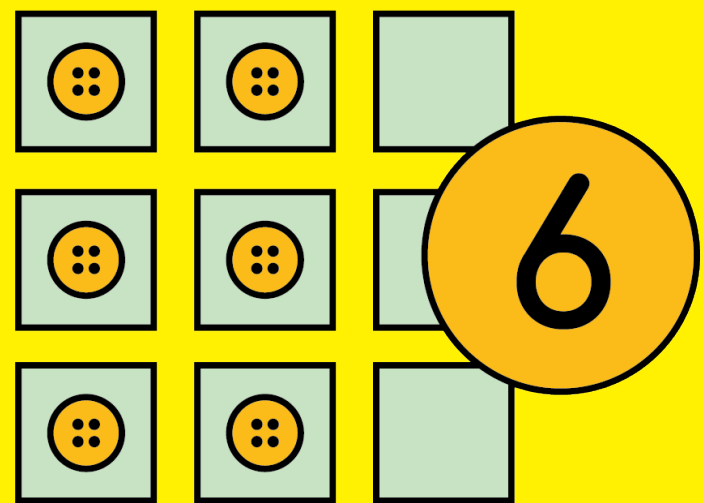
Next, read the first number and add buttons accordingly. For example, if your card is the 3x2, fill in the vertical line with 3 buttons.

3



Then, the second number indicates how many horizontal lines to fill with 3 buttons.

4



Now, count the total number of buttons you have put in the array and discuss the result with your classmates and teacher.

To Go Further

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

Learn more about the Recreamaths project at recreamaths.eu