

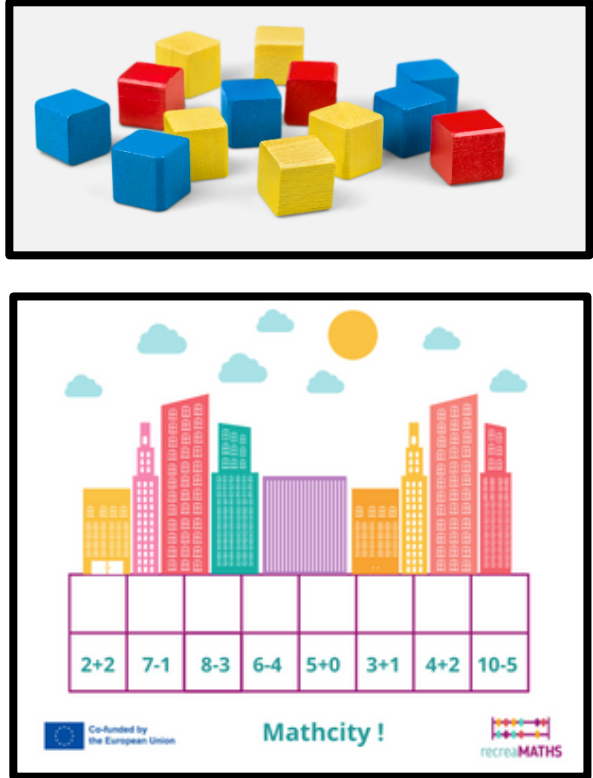
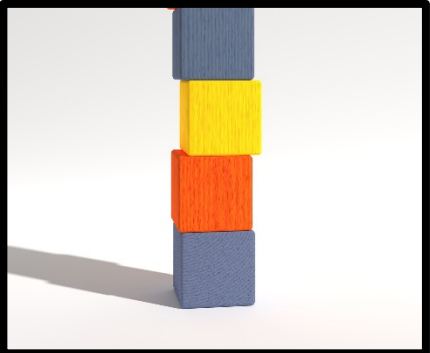
Worksheet

MathCity

Level of difficulty	Level 2 (6-7)
Duration of the activity	10 minutes
Number of participants	Individual activity (Can also be done in pairs)
Mathematical concept	Numeracy recognition, Subtraction, and Addition
Inventory of the hands-on exhibit	<ul style="list-style-type: none"> - 1 Laminated sheet with numbers per student - Several building blocks (3D modeling – minimum 45 blocks)

Instruction and description of the activity step by step

Instruction	<p>Be the architect of your own calculating city: To do this, solve the operations shown in the table and complete the result with the blocks at your disposal.</p>
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Step by step	Description	Illustration
<p>Step 1</p>	<ul style="list-style-type: none"> Observe the colorful building blocks and the laminated sheet with the equations in front of you. Do you feel confident you can make these operations? Can you do additions and subtractions? 	 <p>The illustration shows a collection of colorful building blocks (red, yellow, blue) and a laminated sheet with a city skyline and a table of math operations. The table has 8 columns, each with a math operation: $2+2$, $7-1$, $8-3$, $6-4$, $5+0$, $3+1$, $4+2$, and $10-5$. The sheet also features logos for 'Mathcity!' and 'recreaMATHS'.</p>
<p>Step 2</p>	<ul style="list-style-type: none"> Stack the number of blocks equal to the sum found. Place the blocks provided on the empty square above the operation. In the first box of the table, the following operation is an addition, $2+2$. What is the sum? 	 <p>The illustration shows a stack of four building blocks (blue, yellow, orange, blue) representing the sum of $2+2$.</p>
<p>Final step</p>	<ul style="list-style-type: none"> Do the same for all the operations in the table. Manipulate the blocks and use them to help solve the equations creating 	

	<p>towers and placing them above the equations to create a city landscape. Once you have solved all the operations, you are the architect of this urban city!</p>	
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