

Lesson plan

« The star wars »



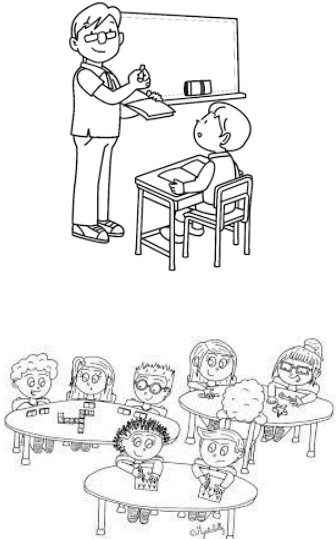
Short description of the activity	Solving a problem by finding the complement to 10
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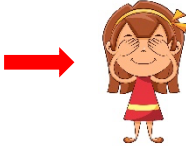
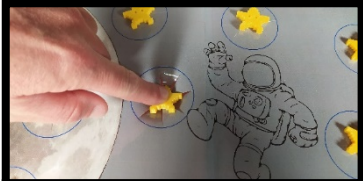
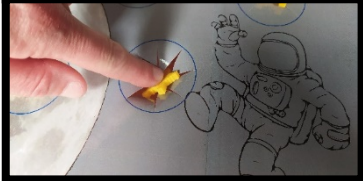





Level of difficulty	Level 1
Duration of the activity	10 minutes
Number of participants	2, in pairs
Inventory of the hands-on exhibit	<ul style="list-style-type: none"> - 1 game stand of featherboard - 10 stars (3D printing)


Skills required of children	<ul style="list-style-type: none"> - Counting to 10 - Know how to compose and decompose the number 10
Skills worked on	<ul style="list-style-type: none"> - Solve a problem by finding the complement to 10. - Subtracting to 5 - Subtracting to 10

Instruction and description of the activity, step by step

<p>Instruction</p>	<p>Player 1 > Place all the stars on the board.</p> <p>Player 2 > Make as many stars disappear as you want.</p> <p>Player 1 > Find the number of stars that have disappeared.</p>
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Step by step	Description	Illustration
<p>Step 1</p>	<p><u>Making the material :</u></p> <ul style="list-style-type: none"> ➤ duration 2h30 <p><u>Material preparation :</u></p> <ul style="list-style-type: none"> - Prepare the game board <ul style="list-style-type: none"> ➤ featherboard base ➤ top tray with laminated image and 10 openings made - Provide the 10 3D printed stars 	<p>The game board</p>  <p>10 stars (3D printing)</p> 
<p>Step 2</p>	<p><u>Conduct the activity:</u></p> <ul style="list-style-type: none"> - Show the activity to the students and explain it. - Organise the pairs. - Designate Player 1 and Player 2. - Explain the role of each player. 	

<p>Step 3</p>	<p>Children play :</p> <p>Player 1 places the 10 stars inside the 10 circles on the game board</p> <p>Player 2 removes as many stars as he or she wishes by pressing the stars.</p> <p>Player 1 calls out the number of stars that have disappeared</p>	<p>Player 1</p>   <p>Player 2</p>   <p>Player 1</p>  
<p>Step 4</p>	<ul style="list-style-type: none"> - Ensure that the game runs smoothly - Encourage students to verbalise actions 	
<p>Solution</p>	<ul style="list-style-type: none"> - Player 2 checks the answer of player 1 by lifting the game board. - Count the number of stars under the game board 	 

<p>Evaluation</p>	<ul style="list-style-type: none"> - Formalise with a written sheet that serves as an evaluation 																			
<p>To go further</p>	<p><u>For level 2 :</u></p> <ul style="list-style-type: none"> - Formalise with a written sheet that serves as an evaluation <p><u>Possible development of the game</u></p> <ul style="list-style-type: none"> - Work on subtraction by finding the remainder and writing it down. 	<table border="1" data-bbox="890 398 1517 510"> <thead> <tr> <th>Name (designation)</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>Total number of stars</td> <td>10</td> </tr> <tr> <td>How many stars have disappeared</td> <td>4</td> </tr> <tr> <td>How many stars were left on the set</td> <td>6</td> </tr> </tbody> </table> <table border="1" data-bbox="890 674 1525 846"> <thead> <tr> <th>All the stars</th> <th>Subtraction sign</th> <th>Number of stars on the game board</th> <th>Sign of the equal</th> <th>Rest</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>-</td> <td>6</td> <td>=</td> <td>4</td> </tr> </tbody> </table>	Name (designation)	Result	Total number of stars	10	How many stars have disappeared	4	How many stars were left on the set	6	All the stars	Subtraction sign	Number of stars on the game board	Sign of the equal	Rest	10	-	6	=	4
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<p>Resources</p>	<p><u>Book :</u> « Résoudre des problèmes » <i>Edition : RETZ</i> <i>Collection : Apprendre à comprendre</i> <i>Writer : Christian Henaff</i></p>
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