

# Find the outcome

## Topic/Learning objectives of exhibit:

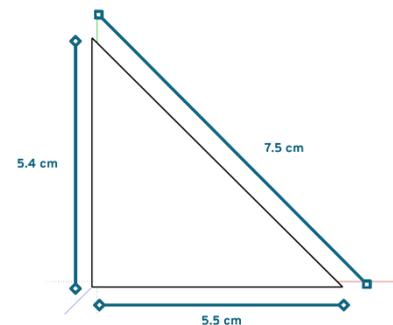
- Problem-solving skills, decision-making and strategy formation

## List of Materials Required:

- 3 A4 Foam Sheets of three contrasting colours (to make a total of 18 triangles)
- Scissors
- White/Black Pencil or Marker
- Ruler

## Step-by-step Construction

**Estimated Time: 20-25 minutes**

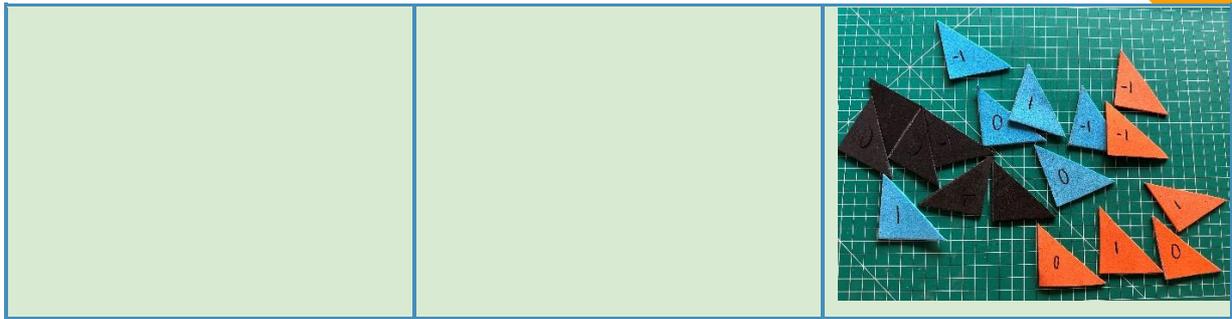


Step 1: Marking triangle pieces on three different coloured foam sheets

Mark 3 squares on the foam sheet with measurements 5.5 cm x 5.5 cm and draw diagonals on each square to make 6 right triangles per coloured sheet.

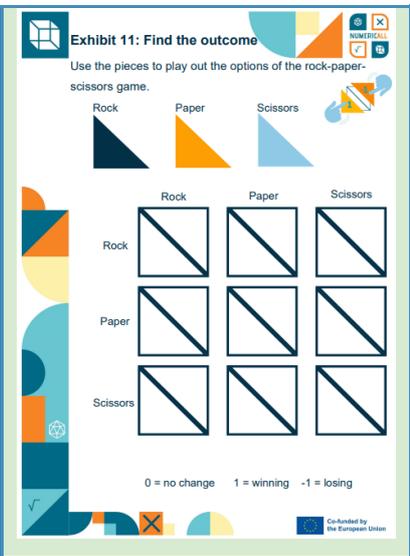
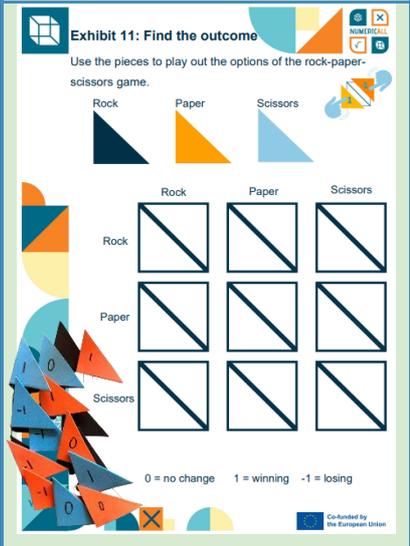


		
<p>Step 2: Cutting out the triangle pieces</p>	<p>Once you have marked all the triangle pieces, use scissors to cut them out.</p>	
<p>Step 3: Writing the numbers on the triangle pieces</p>	<p>After cutting out the pieces, use a black/white pencil or marker to write the numbers 0, 1 and -1 on the triangles. Each colour should have 2 of each number written on it (i.e., 2 zeroes, 2 ones and 2 minus one)</p>	



## Assembly

**Estimated Time: 5 minutes**

<p>Step 1: Prepare the exhibit board</p>	<p>Print out the corresponding board on A3 paper and laminate it (optional).</p>	
<p>Step 2: Ready to use</p>	<p>You are ready to use the exhibit!</p>	

## Observations

Other options for the triangle pieces include PVC, 3D printing or a laser cutter.