

# **Tiles**

### **Topic/Learning objectives of exhibit:**

Geometry, symmetry, creativity, problem solving...

### **List of Materials Required:**

For cardboard tiles:

- A printer that does A3 impressions
- An A3 piece of cardboard
- Scissors
- Glue

## **Step-by-step Construction and Assembly**

**Estimated Time: 30-40 minutes** 

Step	Instructions	Picture
Step 1	Print the board and the grid	Coulded in Times  One of a list to them a weathermap good that gives from the standing point to be to this list of the entire of the standing point to be to the list of address Table. You can please to the last by the proposition by the entire of the total of the standing to the list of the standing to the standing t
Print the board and the grid	on A3 paper.	
	To make them more	Corpyrelies with the 12 bits a continuous point that gave thore starts of each 1964 is the sensitive record of the year record of time a path-time start to float?
	durable, you can laminate	START
	the board and the grid.	
		THE





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Step 2	Print the tiles on A3 paper,	
Print the tiles	ideally in colour.	
Step 3	Cut the 12 separate tiles.	
Cut the tiles		
Step 4	Cut 12 pieces of cardboard	
Make the tiles more durable	of the same size as the tiles	
(optional)	(8.5 cm x 8.5 cm).	
	Glue the tiles to the	
	cardboard squares.	
Step 5	Start placing the tiles on the	
Start forming a path	grid. Put your first tile on the	START
	starting point and make sure	
	you form a path that leads to	
	the finish point.	168

#### **Observations**

The tiles can also be 3D-printed, made out of PVC or wood, or laser cut, to make them more durable and easier to manipulate.

