



# 101

**ATMS**  
EDUCATION

## FUN AND EASY ACTIVITIES

with



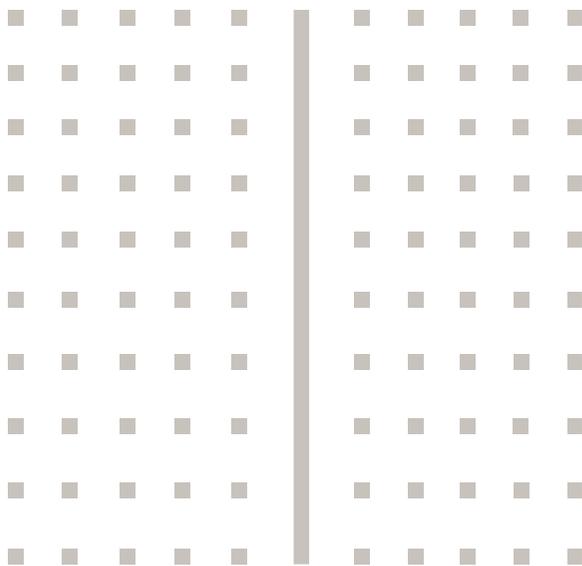
## THE SYMMETRY GAME

You will need:

- masking tape
- crayons or felt tip pens

### Setting up the Activity

1. Using the masking tape, make a line across the floor - roughly about 1 metre.
2. Working out from the top left of the line, place small pieces of masking tape every 10cm until you have 5 dots. Then place another dot of masking tape 10cm below each of those dots and continue down until you reach the bottom of the line.
3. Repeat this for the right side of the line.



## HOW TO PLAY

You can play with 2 players or in 2 teams.

**1 player/team will play on the left of the line and the other player/team will play on the right of the line.**

Choose the player or team that will start the game.

The first player will draw a line on their side of the grid by joining dots using masking tape. They then colour their line using pens or crayons.

Player 2 will now create a line that is symmetrical to player 1's line on their own side of the grid and colour it the same colour. Player 2 gets 10 points for drawing the line correctly.

Player 2 then takes a turn in drawing a new line with the masking tape - on their side of the grid. They can colour it in their choice of colour.

Player 1 now has to create a line that is symmetrical to player 2's line and colour it the same colour. Player 1 gets 10 points if the line is correct.

Continue to take turns creating a line and then making a symmetrical line.

The winner is the person with the most points after 10 turns each.

**You could use this game to create a symmetrical piece of art.**