

Statistics Map

Topic/Learning objectives of exhibit:

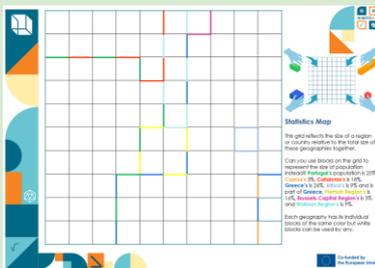
Statistics, geography and maths

List of Materials Required:

- A3 sized board
- Paper or wooden/plastic cubes or 3D printed cubes
- Printer or 3D Printer
- Scissors
- Glue or tape

Step-by-step Construction

Estimated Time: 30 minutes

Step 1	Instructions	Picture
<p>Set up the board and assign colors or symbols to geographies</p>	<p>By default, each geography is assigned to a colour. Cyprus is orange, Catalonia is red, Portugal is green, Greece is blue, Attica is light blue, Flemish region is yellow, Brussels – Capital Region is Magenta and Walloon region is turquoise. If it is not convenient to use colours, you can assign and note symbols instead.</p>	

Step 2

Prepare the material for blocks

Instructions

In total you should print, draw or construct eight (8) 1x1 blocks (1% each), eight (8) 2x1 blocks (2% each), eight (8) 2x2 blocks (4% each) and fifteen (15) 1x5 blocks (5% each).

Portugal should have four 1x5 blocks.

Cyprus should have one 2x1 block and one 2x2 block.

Catalonia has two 1x5 blocks, one 1x1 block and one 2x1 block.

The Flemish Region has two 2x2 blocks.

The Walloon region has one 1x5 block.

Brussels has one 1x1 block.

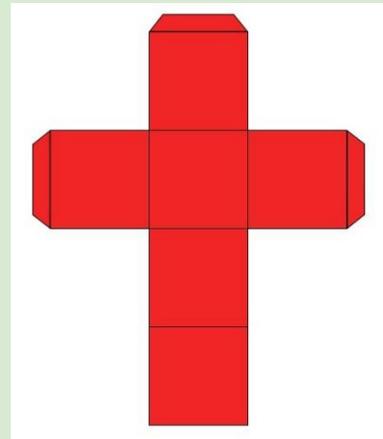
Greece has one 2x2 block, three 2x1 blocks, and two 1x1 blocks. Attica has two 2x2 blocks and one 1x1 block.

The rest are white or unassigned (six 1x5, three 1x1, two 2x2, three 2x1).

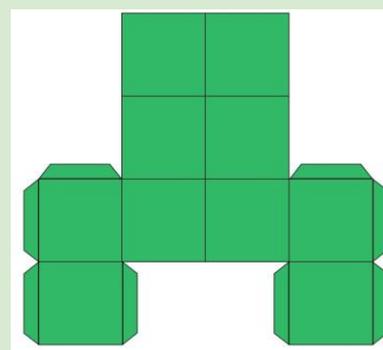
If you opt for the paper version, make sure to cut out the shape, fold and use tape or glue where the wings

Picture

1x1 block



2x1 block

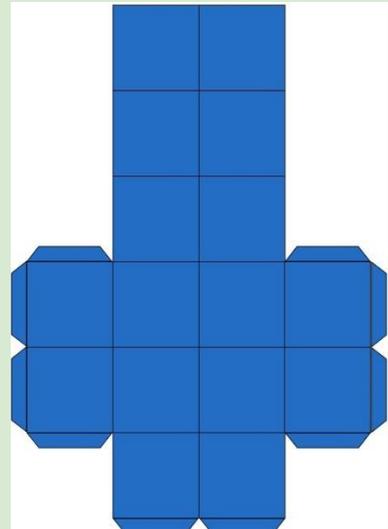


connect to the adjacent side of the block.

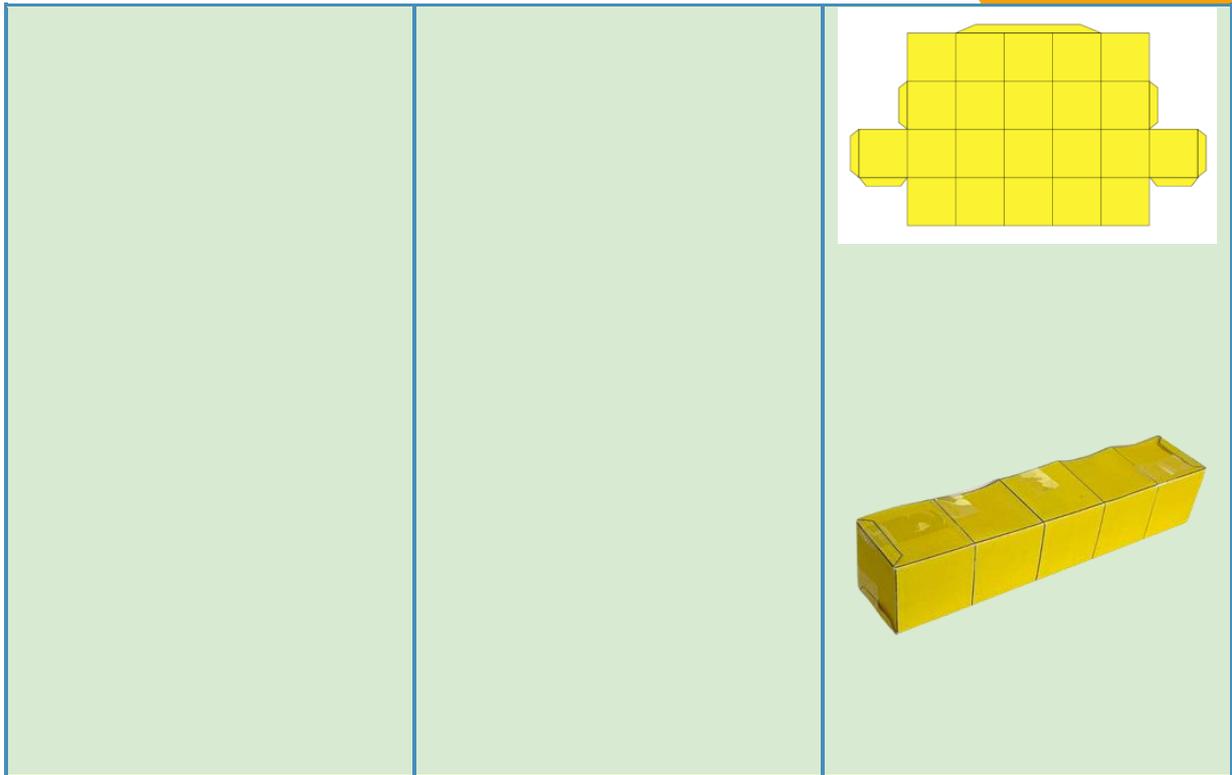
The ideal size for the A3 grid is 2.6 cm per side of block



2x2 block



1x5 block



Observations

The number of coloured blocks per geography is random. When the percentage of the population exceeds the number of assigned blocks, the user is expected to use white blocks.

It is very important to remember that each selected item has a specific value in %.

Be aware that Attica is the only geography within a broader geography within the framework of our puzzle.

The borders of the initial grid will help you start filling the board with blocks. To improve visualization of the initial board, you can view the table below.

