

2D and 3D shapes - True or False

- 1) You can pick some 3D shapes up. _____
- 2) You can pick some 2D shapes up. _____
- 3) All 3D shapes are bigger than 2D shapes. _____
- 4) Some 2D shapes can be made through printing with the faces of 3D shapes. _____

Activity 1 -

- *Can you find a cardboard box and unfold it carefully to see how it was made?*
- *Now number each of the faces with a thick pen.*
- *How many faces did your cardboard box have? _____*
- *What 3D shape was your box before you unfolded it? _____*

Activity 2 -

- *Can you make some cubes or cuboids out of playdough? If you don't have playdough at home you could make some.*

Playdough - 1 cup of flour, 1 cup of salt, oil, cream of tartar.

- *Remember that cubes have 6 faces, which are all the same size and are all squares. A dice is a cube.*
- *Remember that cuboids have some, or all, rectangular faces.*

Activity 3 -

- *Can you make some 3D shapes out of blue tac and straws? Or some similar materials. Get crafty! Name your shapes once they are made.*

Activity 4 -

- *Can you use lollypop sticks or pencils to make different shaped pens for some toy animals? How many different 2D shapes can you make the pens? Can you name each 2D shape that you make?*