



Year 1 Maths Home Learning Challenge










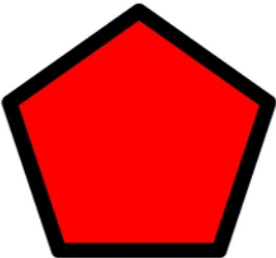


Friday 5th December 2025

For the final weeks of the term, we will be working on our new Power Maths Unit: 2d and 3d shapes. We will need to identify and name each shape, talk about the properties of each shape using mathematical language: sides, corners, straight, curved, flat, faces, curved surfaces, edges and vertices.

Try out the following activities...

Identify 2D and 3D Shapes

Write the correct name of each 2D and 3D shape below using the word bank to help you.

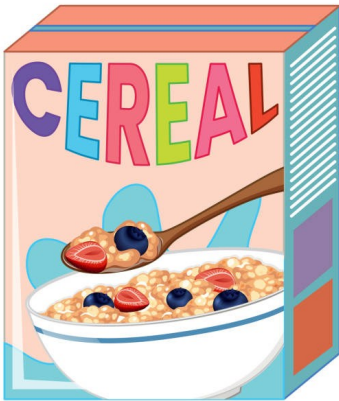
			
			
			

cone	rectangle	pentagon	cube
sphere	cylinder	pyramid	cuboid
triangle	circle	hexagon	square

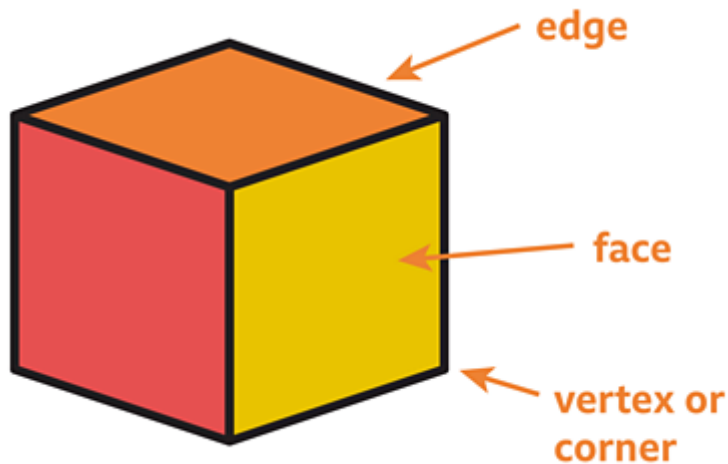
Go on a 3d shape hunt in your house. Which shapes can you spot? Use this opportunity to talk about the properties of each shape. Use the correct vocabulary!



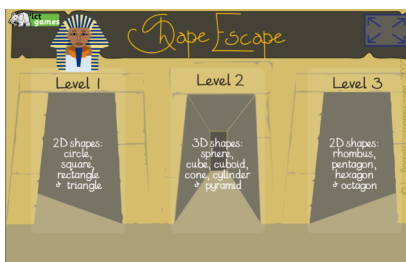
The tin of beans is a cylinder.
There are 2 faces, shaped like circles.
There is 1 curved surface.
There are 2 edges but no vertices.



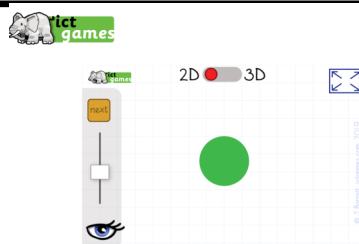
The box of cereal is a cuboid.
There are 6 faces, shaped like rectangles.
There are 12 edges.
There are 8 vertices.



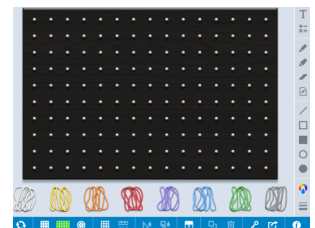
Why not try out these shape games online. Please remember internet safety...always have a grown up with you when you go online.



Shape Escape from ict-games
<https://ictgames.com/mobilePage/shapeEscape/index.html>



Shifting Shapes from ict-games
<https://ictgames.com/mobilePage/shiftingShapes/index.html>



Geoboard
<https://apps.mathlearningcenter.org/geoboard/>