

3D SHAPES

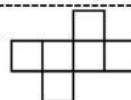


❖ 3D shapes are shapes that take up space. It means they are solid shapes and you could hold them in your hands. Everything around you is made up of 3D shapes.

Development of Concept:

CUBE: Have you ever seen a dice or a Rubik cube? They look like a cube.

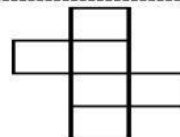
A cube has 6 flat faces. Each face of a cube is a square.



CUBOID: Have you ever seen a door or a whiteboard? They look like a cuboid.

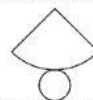
A cuboid has 6 flat face. Each face of a cuboid is a rectangle.

(OR 4 faces are rectangular while the other 2 are square shaped)



CONE: Have you ever seen a birthday cap or a traffic cone? They look like a cone.

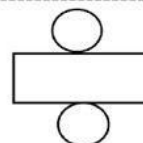
A cone has 1 flat circular face and 1 curved surface. A cone can roll on its side.



CYLINDER: Have you ever seen a glass of water or a battery cell? They look like a cylinder.

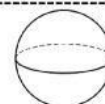
A cylinder has 2 flat faces and 1 curved surface. The top and bottom faces are flat and circular.

A cylinder will only roll in one direction when placed on its curved surface.



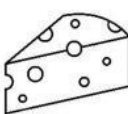
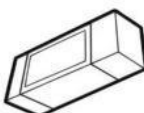
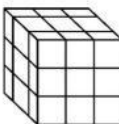
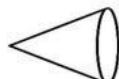
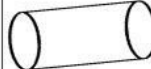
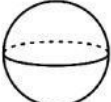
SPHERE: Have you ever seen a football or a globe? They look like a sphere.

A sphere has no flat faces and only 1 curved surface. Spheres can roll in every direction.



Applying the Concept: (Guided Practice)

ACTIVITY: 1 Look at the 3D shape on the left and select the object in the row that matches with the 3D shape.

 CUBE			
 CUBOID			
 CONE			
 CYLINDER			
 SPHERE			

ACTIVITY: 2 Encircle the odd shape out.

- Hexagon , Pentagon , Cube , Circle
- Square , Sphere , Heptagon , Oval
- Cube , Cone , Cylinder , Octagon

