

Have fun with 3-D Shapes!

Sphere



A **Sphere** looks like a football.
It has curved sides and can roll.

Cylinder



A **Cylinder** has one curved side and two flat/straight sides.
e.g a can of beans, toilet roll, cling film tube
A Cylinder has two circular faces.

Cube



A **Cube** has flat/straight sides e.g dice
We call the sides "faces"
These shapes cannot roll but are suitable for stacking or building.
A Cube has square faces.

Cuboid



A **Cuboid** has flat/straight sides e.g shoe boxes, cereal boxes.
We call the sides "faces"
These shapes cannot roll but are suitable for stacking or building.
A Cuboid has rectangular faces.



Kitchen Cupboard

There are a lot of shapes in your kitchen cupboard. Sort and play with the shapes.



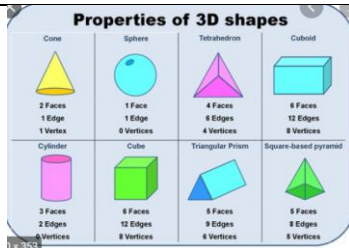
Imaginative Play

Collect lots of boxes to encourage imaginative play. Your child could use them to make lots of imaginative things e.g a house, a fence for horses to jump over etc.



Building!

Help your child to discover which shapes fit/do not fit together, which are best for stacking/building etc



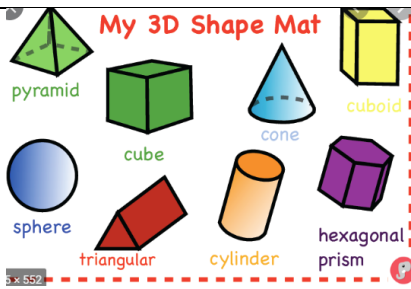
Counting!

Count the number of corners, edges and faces



Roll or Slide?

Set up a simple slope or ramp to investigate which shapes roll or slide.



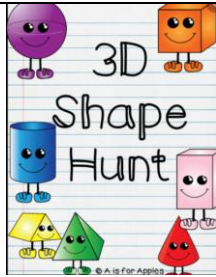
Art!

Draw around the sides (faces) of the shapes. This will help your child to discover the 2-D shape on the 3-D Shape

A Cylinder has circular faces.

A Cube has square faces.

A Cuboid has rectangular faces.



Shape Hunt

Go on a 3-D Shape hunt around your house

Make a list of all the 3-D Shapes you find.

Give your child a camera and ask them to take pictures of the 3-D Shapes they find.



Play-Doh

Make 3-D Shapes using Play-Doh



Feely Bag

Put some 3-D Shapes into a bag

Ask your child to identify the shape by touch only.



Memory Game

Set up a few different shapes on the table, take one away and ask your child to guess which one is missing.