

What should I already know?

- To be able to talk about and explore 2D and 3D shapes (circles, rectangles, triangles and cuboids) using formal and informal mathematical language e.g., sides, corners, straight, flat, round.
- To be able to select shapes appropriately: flat surfaces for building, triangular prism for a roof, etc.
- To be able to combine shapes to make new ones: an arch, a bigger triangle, etc.

Key Knowledge and skills

Recognising 2D and 3D shapes and their properties.

Triangles have 3 straight sides and 3

Circles have 1 curved

Shapes with **4 sides** and **4 corners**:
Squares and rectangles

Recognising shapes in the

Sorting shapes e.g., 4 sides and not 4 sides

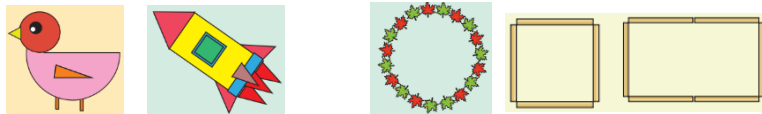


Select, rotate, and manipulate shapes to develop spatial reasoning skills.

Children make pictures using shapes.

Children create shapes using resources.

Can you make this model with your cubes?



Comparing and classifying.

Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.

Key Vocabulary and definitions

Two-dimensional shape (2D shape)	A flat shape.
Side	A line that joins 2 corners together.
Corner	A point.
Straight	A line or side without any bends.
Flat	Smooth.
Round	Curved like a circle.
Similar	Same
Different	Not the same.



Stem sentences:

This shape is a ____.

I know this shape is a ____ because...

This shape is the same/different because...

These shapes have been sorted by ____.

I can see a ____.

I know this shape is not a ____ because...

This shape has ____ sides/corners.

The shapes make a ____.

I can fold this shape to make a ____.