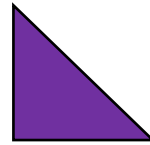
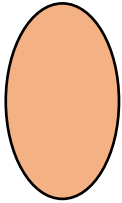


# Shape

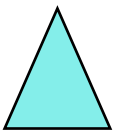
The outline of an object.



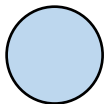
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# 2-D Shape

2-D Shapes are flat. You cannot pick up a 2-D shape.



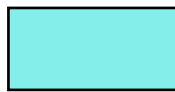
Triangle



Circle



Square



Rectangle



Pentagon



Hexagon

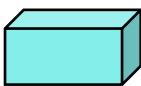
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# 3-D Shape

3-D Shapes are 3 dimensional. You can pick up a 3-D shape.



Cylinder



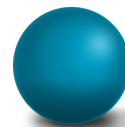
Cuboid



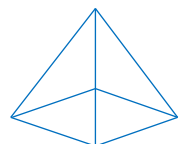
Cube



Tetrahedron



Sphere



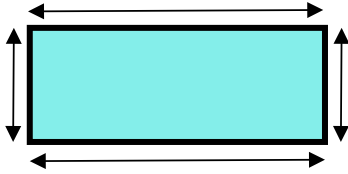
Square-based  
Pyramid

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# Sides

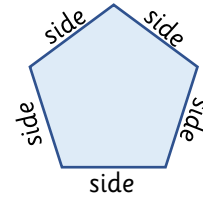
The lines that make a 2-D shape.

A rectangle has 4 sides.



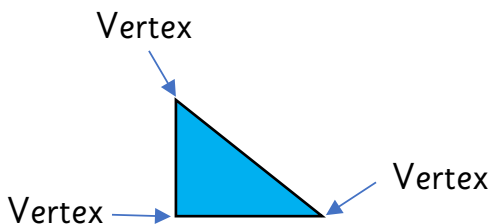
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A pentagon has 5 sides.

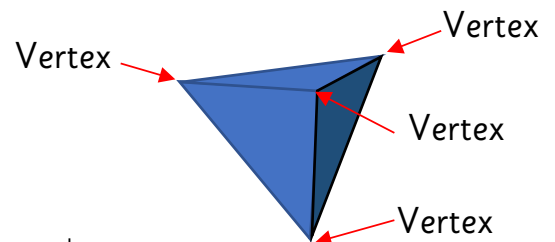


# Vertex/Vertices

A vertex joins edges in 2D and 3D shapes.

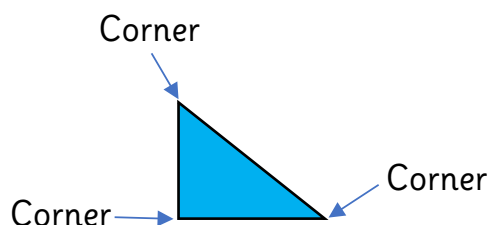


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# Corner

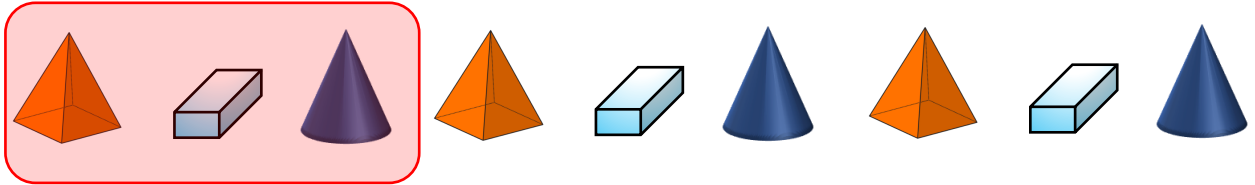
A corner joins sides in 2-D shapes.



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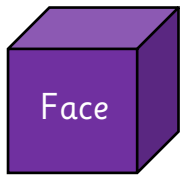
# Core of a Pattern

The part of a pattern that is being repeated.



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# Faces



A cube has 6 faces shaped as squares.

3-D shapes have faces.

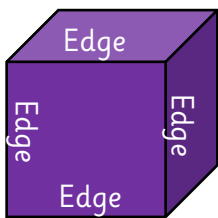
They are the flat surfaces on a 3D shape.



A cylinder has 2 faces and a curved face.

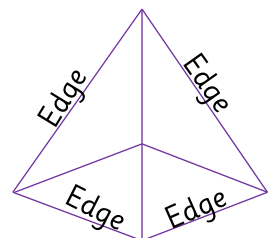
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# Edges



A cube has 12 edges.

An edge is where 2 faces meet.



A pyramid has 8 edges.

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# Orientation

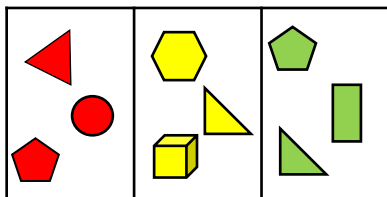
The changed position of a shape.  
This shows a square in different orientations.



# Sorting

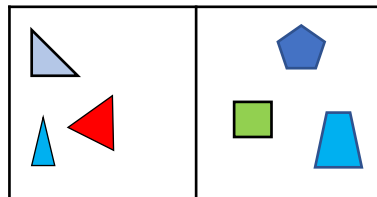
To put objects into groups.

Sorted by colour.



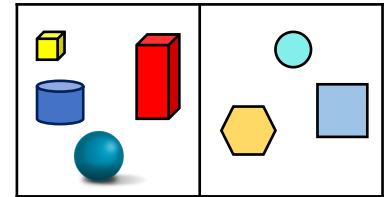
3 sides

4 or more



3-D

2-D



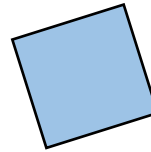
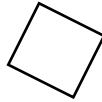
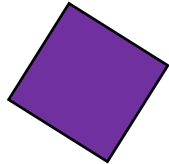
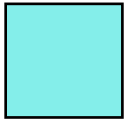
# Patterns

A shape pattern contains shapes that have been repeated.



# Square

Squares are 2-D shapes.  
They have 4 equal sides and 4 vertices.

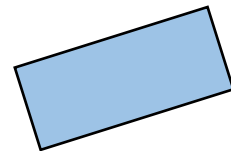
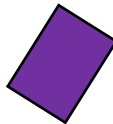
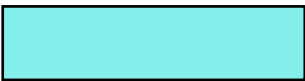


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# Rectangle

A rectangle is a 2-D shape.  
It has 4 sides and 4 vertices.

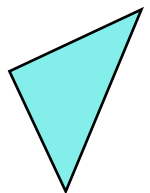
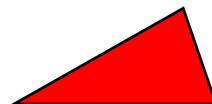
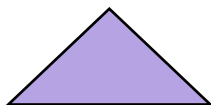
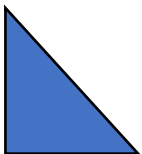
A square can be a rectangle but a rectangle cannot be a square!



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# Triangle

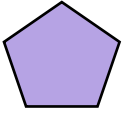
A triangle is a 2-D shape.  
It has 3 sides and 3 vertices.



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# Pentagon

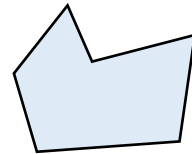
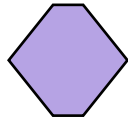
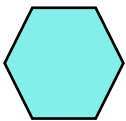
A pentagon is a 2-D shape. It has 5 sides and 5 vertices.



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# Hexagon

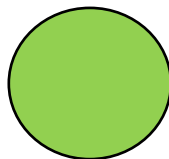
A hexagon is a 2-D shape. It has 6 sides and 6 vertices.



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# Circle

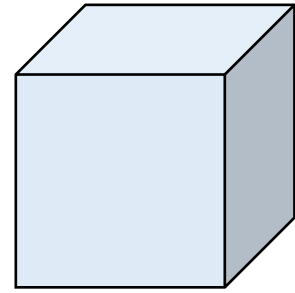
A circle is a 2-D shape. It has one continuous side.



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# Cube

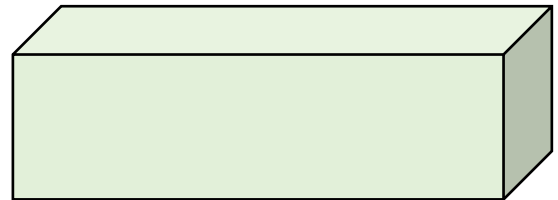
A cube is a 3-D shape.  
The faces are squares.



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# Cuboid

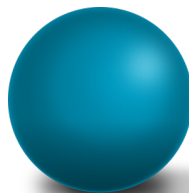
A cuboid is a 3-D shape.  
The faces are rectangles  
and squares.



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# Sphere

A sphere is a 3-D shape.



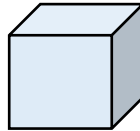
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# Cube

A cube is a 3-D shape.

12 edges

6 identical faces



8 vertices

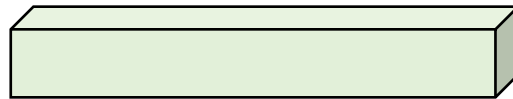
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# Cuboid

A cuboid is a 3-D shape.

12 edges

6 faces



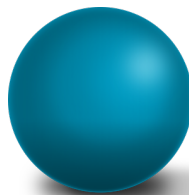
8 vertices

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# Sphere

A sphere is a 3-D shape.

1 curved face



0 edges

0 vertices

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# Cylinder

A cylinder is a 3-D shape.

3 faces



2 edges

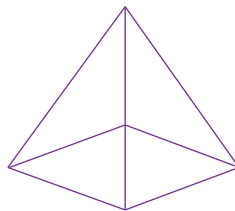
0 vertices

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# Pyramid

A pyramid is a 3-D shape. This is a square-based pyramid.

5 faces



5 vertices

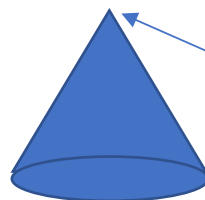
8 edges

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# Cone

A cone is a 3-D shape.

2 faces



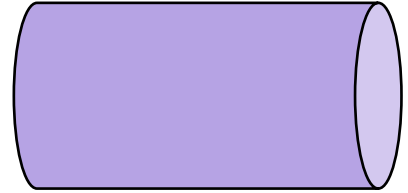
The point is called an apex.

1 edge

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# Cylinder

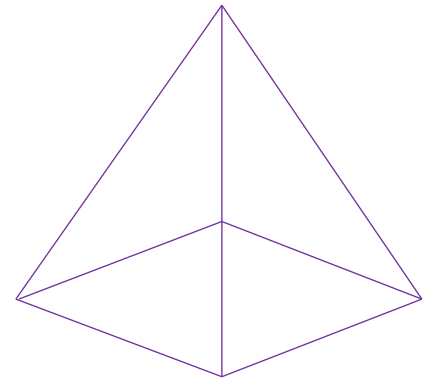
A cylinder is a 3-D shape.  
Two of the faces are circles.



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# Pyramid

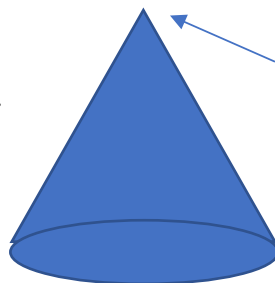
A pyramid is a 3-D shape.  
This is a square-based pyramid.  
There is a square and triangles as faces.



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# Cone

A cone is a 3-D shape.  
There is a circle as a face.



The point is called an apex.

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Geometry - Shape Year 1

## Shape

The outline of an object.

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Geometry - Shape Year 1

## Sides

The lines that make a 2-D shape.

A rectangle has 4 sides. A pentagon has 5 sides.

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Geometry - Shape Year 1

## Orientation

The changed position of a shape.

This shows a square in different orientations.

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Geometry - Shape Year 1

## 2-D Shape

2-D Shapes are flat. You cannot pick up a 2-D shape.

Triangle Circle Square Rectangle Pentagon Hexagon

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Geometry - Shape Year 1

## Vertex/Vertices

A vertex joins edges in 2D and 3D shapes.

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Geometry - Shape Year 1

## Sorting

To put objects into groups.

Sorted by colour. 3 sides 4 or more 3-D 2-D

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Geometry - Shape Year 1

## 3-D Shape

3-D Shapes are 3 dimensional. You can pick up a 3-D shape.

Cylinder Cuboid Cube Tetrahedron Sphere Square-based Pyramid

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Geometry - Shape Year 1

## Corner

A corner joins sides in 2-D shapes.

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Geometry - Shape Year 1

## Patterns

A shape pattern contains shapes that have been repeated.

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Geometry - Shape Year 1

## Core of a Pattern

The part of a pattern that is being repeated.

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Geometry - Shape Year 1

## Square

Squares are 2-D shapes. They have 4 equal sides and 4 vertices.

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Geometry - Shape Year 1

## Pentagon

A pentagon is a 2-D shape. It has 5 sides and 5 vertices.

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Geometry - Shape Year 1

## Faces

3-D shapes have faces. They are the flat surfaces on a 3D shape.

A cube has 6 faces shaped as squares. A cylinder has 2 faces and a curved face.

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Geometry - Shape Year 1

## Rectangle

A rectangle is a 2-D shape. It has 4 sides and 4 vertices. A square can be a rectangle but a rectangle cannot be a square!

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Geometry - Shape Year 1

## Hexagon

A hexagon is a 2-D shape. It has 6 sides and 6 vertices.

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Geometry - Shape Year 1

## Edges

An edge is where 2 faces meet.

A cube has 12 edges. A pyramid has 8 edges.

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Geometry - Shape Year 1

## Triangle

A triangle is a 2-D shape. It has 3 sides and 3 vertices.

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Geometry - Shape Year 1

## Circle

A circle is a 2-D shape. It has one continuous side.

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Geometry - Shape Year 1

## Cube

A cube is a 3-D shape. The faces are squares.

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Geometry - Shape Year 1

## Cylinder

A cylinder is a 3-D shape.

3 faces 2 edges 0 vertices

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Geometry - Shape Year 1

## Cuboid

A cuboid is a 3-D shape. The faces are rectangles and squares.

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Geometry - Shape Year 1

## Pyramid

A pyramid is a 3-D shape. This is a square-based pyramid.

5 faces 5 vertices 8 edges

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Geometry - Shape Year 1

## Sphere

A sphere is a 3-D shape.

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Geometry - Shape Year 1

## Cone

A cone is a 3-D shape.

2 faces 1 edge The point is called an apex.

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Geometry - Shape Year 1

## Shape

The outline of an object.

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Geometry - Shape Year 1

## Sides

The lines that make a 2-D shape.

A rectangle has 4 sides.

A pentagon has 5 sides.

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Geometry - Shape Year 1

## Orientation

The changed position of a shape.

This shows a square in different orientations.

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Geometry - Shape Year 1

## 2-D Shape

2-D Shapes are flat. You cannot pick up a 2-D shape.

Triangle Circle Square Rectangle Pentagon Hexagon

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Geometry - Shape Year 1

## Vertex/Vertices

A vertex joins edges in 2D and 3D shapes.

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Geometry - Shape Year 1

## Sorting

To put objects into groups.

Sorted by colour.

3 sides 4 or more

3-D 2-D

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Geometry - Shape Year 1

## 3-D Shape

3-D Shapes are 3 dimensional. You can pick up a 3-D shape.

Cylinder Cuboid Cube Tetrahedron Sphere Square-based Pyramid

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Geometry - Shape Year 1

## Corner

A corner joins sides in 2-D shapes.

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Geometry - Shape Year 1

## Patterns

A shape pattern contains shapes that have been repeated.

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Geometry - Shape Year 1

## Core of a Pattern

The part of a pattern that is being repeated.

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Geometry - Shape Year 1

## Square

Squares are 2-D shapes.

They have 4 equal sides and 4 vertices.

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Geometry - Shape Year 1

## Pentagon

A pentagon is a 2-D shape. It has 5 sides and 5 vertices.

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Geometry - Shape Year 1

## Faces

3-D shapes have faces.

They are the flat surfaces on a 3D shape.

A cube has 6 faces shaped as squares.

A cylinder has 2 faces and a curved face.

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Geometry - Shape Year 1

## Rectangle

A rectangle is a 2-D shape.

It has 4 sides and 4 vertices.

A square can be a rectangle but a rectangle cannot be a square!

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Geometry - Shape Year 1

## Hexagon

A hexagon is a 2-D shape. It has 6 sides and 6 vertices.

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Geometry - Shape Year 1

## Edges

An edge is where 2 faces meet.

A cube has 12 edges.

A pyramid has 8 edges.

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Geometry - Shape Year 1

## Triangle

A triangle is a 2-D shape.

It has 3 sides and 3 vertices.

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Geometry - Shape Year 1

## Circle

A circle is a 2-D shape. It has one continuous side.

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Geometry - Shape Year 1

## Cube

A cube is a 3-D shape.

12 edges

6 identical faces

8 vertices

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Geometry - Shape Year 1

## Cylinder

A cylinder is a 3-D shape.

Two of the faces are circles.

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Geometry - Shape Year 1

## Cuboid

A cuboid is a 3-D shape.

12 edges

6 faces

8 vertices

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Geometry - Shape Year 1

## Pyramid

A pyramid is a 3-D shape.

This is a square-based pyramid.

There is a square and triangles as faces.

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Geometry - Shape Year 1

## Sphere

A sphere is a 3-D shape.

0 edges

1 curved face

0 vertices

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Geometry - Shape Year 1

## Cone

A cone is a 3-D shape.

There is a circle as a face.

The point is called an apex.

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## Year 1 - Geometry – Shape Vocabulary Assessment

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|                   |  |                 |  |           |  |
|-------------------|--|-----------------|--|-----------|--|
| Shape             |  | 2-D Shape       |  | 3-D Shape |  |
| Sides             |  | Vertex/Vertices |  | Corner    |  |
| Core of a Pattern |  | Faces           |  | Edges     |  |
| Orientation       |  | Sorting         |  | Patterns  |  |
| Square            |  | Rectangle       |  | Triangle  |  |
| Pentagon          |  | Hexagon         |  | Circle    |  |
| Cube              |  | Cuboid          |  | Sphere    |  |
| Cylinder          |  | Pyramid         |  | Cone      |  |

## Year 1 - Geometry – Shape Vocabulary Assessment

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|                   |  |                 |  |           |  |
|-------------------|--|-----------------|--|-----------|--|
| Shape             |  | 2-D Shape       |  | 3-D Shape |  |
| Sides             |  | Vertex/Vertices |  | Corner    |  |
| Core of a Pattern |  | Faces           |  | Edges     |  |
| Orientation       |  | Sorting         |  | Patterns  |  |
| Square            |  | Rectangle       |  | Triangle  |  |
| Pentagon          |  | Hexagon         |  | Circle    |  |
| Cube              |  | Cuboid          |  | Sphere    |  |
| Cylinder          |  | Pyramid         |  | Cone      |  |

## Year 1 - Geometry – Shape Vocabulary Assessment

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|                   |  |                 |  |           |  |
|-------------------|--|-----------------|--|-----------|--|
| Shape             |  | 2-D Shape       |  | 3-D Shape |  |
| Sides             |  | Vertex/Vertices |  | Corner    |  |
| Core of a Pattern |  | Faces           |  | Edges     |  |
| Orientation       |  | Sorting         |  | Patterns  |  |
| Square            |  | Rectangle       |  | Triangle  |  |
| Pentagon          |  | Hexagon         |  | Circle    |  |
| Cube              |  | Cuboid          |  | Sphere    |  |
| Cylinder          |  | Pyramid         |  | Cone      |  |