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| **Y1** | **Recognise and name common 2-D and 3-D shapes, including 2-D shapes and 3-D shapes** |
| **Y2** | **Identify and describe the properties of 2-D shapes, including the number of sides and line****symmetry in a vertical line****Identify and describe properties of 3-D shapes, including number of edges, vertices and faces****Identify 2-D shapes on the surface of 3-D shapes [eg, circle on cylinder, triangle on pyramid)****Compare and sort common 2-D and 3-D shapes and everyday objects.** |
| **Y3** | **Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in****different orientations and describe them****Recognise angles as a property of shape or a description of a turn****Identify right angles, recognise that two right angles make a half-turn, three make****three quarters of a turn and four a complete turn; identify whether angles are greater****than or less than a right angle****Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.** |
| **Y4** | **Compare and classify geometric shapes based on their properties and sizes****Identify acute and obtuse angles and compare and order angles up to 2 right angles by size****Identify lines of symmetry in 2-D shapes presented in different orientations****Complete a simple symmetric figure with respect to a specific line of symmetry.** |
| **Y5** | **Identify 3-D shapes, including cubes and other cuboids, from 2-D representations****Know angles are measured in degrees: estimate, compare acute, obtuse and reflex****Draw given angles, and measure them in degrees (o)****Identify:**** angles at a point and one whole turn (total 360o)**** angles at a point on a straight line and 2****1 a turn (total 180o)**** other multiples of 90o**** use properties of rectangles to deduce related facts and find missing lengths, angles**** distinguish between regular and irregular polygons based on reasoning about equal****sides and angles.** |
| **Y6** | **Draw 2-D shapes using given dimensions and angles****Recognise, describe and build simple 3-D shapes, including making nets****Compare and classify geometric shapes based on their properties and sizes and find****unknown angles in any triangles, quadrilaterals, and regular polygons****Illustrate and name parts of circles, including radius, diameter and circumference and****know that the diameter is twice the radius****Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.** |

**MATHS: GEOMETRY: PROPERTIES OF SHAPE**

KS1

Y1

Count to and across 100, forwards and backwards, beginning with

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