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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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