

Numeracy Warm Up - Measurement, Geometry & Statistics

Topic 13 - 3D Shapes				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Identify 3D solids and their names: cube, cuboid, cone, sphere, cylinder</i>	<i>Engage with the range and variety of different 2D representations of 3D solids</i>	<i>Visualise in 3D by counting cubes in 3D shapes</i>	<i>Distinguish between 2D shapes and 3D solids</i> <i>Relate real life objects to their basic mathematical shape</i>	<i>Identify the properties of 3D solids</i>
1. Identify 3D solids by colouring in each shape a different colour: cube, sphere, cone	1. Engage with a cube by manipulating an image to show the range and variety of different views of the solid	1. Visualise in 3D by counting cubes in shapes	1. Sort 2D shapes and 3D solids into separate groups	1. Identify the properties of 3D solid
2. Identify 3D solids by colouring in each shape a different colour: cuboid, pyramid, cylinder	2. Engage with a cuboid by manipulating an image to show the range and variety of different views of the solid	2. Visualise in 3D by counting cubes in shapes	2. Identify the basic mathematical 2D shape or 3D solid in everyday images	2. Choose one property from a selection which matches a 3D solid
3. Match 3D solid names with an image: cube, sphere, cone, cuboid, pyramid, cylinder	3. Engage with a cone by manipulating an image to show the range and variety of different views of the solid	3. Visualise in 3D by counting cubes in shapes		3. List the properties of 3D solids: corners and edges for cube, cone and cylinder
	4. Engage with a cone by manipulating an image to show the range and variety of different views of the solid	4. Visualise in 3D by counting cubes in shapes (Extension)		4. List the properties of 3D solids: corners and edges for sphere, cuboid, pyramid
	5. Engage with a square pyramid by manipulating an image to show the range and variety of different views of the solid			5. Sort 3D solids on a Venn Diagram according to curved face or flat face properties
	6. Engage with a triangular prism by manipulating an image to show the range and variety of different views of the solid			