


Properties of Shape Progression: EYFS – Y4

|  | EYFS | Y1 Block 3 | Y2 Block 4 | Y3 Block 2 Spr 1 | Y4 Block 3 Sum 1 |
|---|--|--|---|---|--|
| | | Geometry: Shape | Geometry: Properties of Shape | Geometry: Properties of shape | Geometry: Properties of Shape |
| White Rose Maths Small Steps | Autumn term: - Circles and Triangles - Shapes with 4 Sides Spring term: 3-D shapes Summer term: -Compose and decompose shapes -Visualise and build shapes | -Recognise and name 3D shapes. -Sort 3D shapes. -Recognise and name 2D shapes -Sort 2D shapes. -Patterns with 3D and 2D shapes. | -Recognise 2D and 3D shapes. -Count sides on 2D shapes. -Count vertices on 2D shapes. -Draw 2D shapes. -Lines of symmetry. -Sort 2D shapes. -Make patterns with 2D shapes. -Count faces on 3D shapes. -Count edges on 3D shapes. -Count vertices on 3D shapes. -Sort 3D shapes. -Make patterns with 3-D shapes | -Turns and angles. -Right angles in shapes. -Compare angles. -Draw accurately. -Horizontal and vertical. -Parallel and perpendicular. -Recognise and describe 2D shapes. -Recognise and describe 3D shapes. -Make 3D shapes | -Identify angles. -Compare and order angles. -Triangles. -Quadrilaterals. -Lines of symmetry. -Complete a symmetric figure. |
| National Curriculum Link | Development matters or ELG: -Spatial Reasoning 2 - compose and decompose shapes -Spatial Reasoning 3 - visualise and build shapes | -Recognise common 2-D shapes, including: (e.g. rectangles (including squares), circles and triangles). -Recognise and name common 3-D shapes, including: (e.g. cuboids (including cubes), pyramids and spheres). | -Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. -Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. -Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]. -Compare and sort common 2-D and 3-D shapes and everyday objects. | -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. | -Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. -Identify acute and obtuse angles and compare and order angles up to two 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. |
| Ready To Progress links WR small steps links | | 1G–1 Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar to one another. (Covered in Recognise and name 3-D shapes, Sort 3-D shapes, Recognise and name 2-D shapes, Sort 2-D shapes) 1G–2 Compose 2D and 3D shapes from smaller shapes to match an example, including manipulating shapes to place them in particular orientations. (Covered in Recognise and name 3-D shapes, Sort 3-D shapes, | 2G–1 Use precise language to describe the properties of 2D and 3D shapes and compare shapes by reasoning about similarities and differences in properties. (Covered in Recognise 2-D and 3-D shapes, Count sides on 2-D shapes, Count vertices on 2-D shapes, Draw 2-D shapes, Sort 2-D shapes, Count faces on 3-D shapes, Count edges on 3-D shapes, Count vertices on 3-D shapes, Sort 3-D shapes, Make patterns with 3-D shapes) | 3G-1 Recognise right angles as a property of shape or a description of a turn, and identify right angles in 2D shapes presented in different orientations. (Covered in Turns and angles, Right angles in shapes, Recognise and describe 2-D shapes) 3G-2 Draw polygons by joining marked points, and identify parallel and perpendicular sides. (Covered in Parallel and perpendicular, Recognise and describe 2-D shapes) | |

Properties of Shape Progression: EYFS – Y4

| | | | | | |
|--|--|--|--|--|--|
| | | Recognise and name 2-D shapes, Sort 2-D shapes) | | | |
|--|--|--|--|--|--|