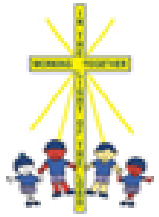
St Martin De Porres Catholic Primary School – Maths Curriculum Learning Journey: Geometry



EYFS

- Can you copy a pattern of objects?
- Can you identify 2-D & 3-D shapes in the environment?

Year 1

- Can you recognise and name common 2-D shapes?
- Can you recognise and name common 3-D shapes?
- Can you talk about turns and use this to explain movement, direction and position?

Year 2

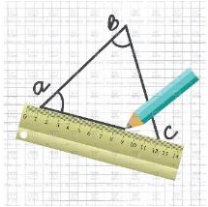
- Can you notice and explain the properties of 2-D and 3-D shapes?
- Can you compare and sort common 2-D and 3-D shapes and everyday objects?
- Can you use mathematical vocabulary to describe position, direction and movement?

Year 3

- Can you order mathematical objects in patterns and sequences?
- Can you draw 2-D shapes and make 3-D shapes?
- Can you spot right angles and angles which are greater or less than a right angle?

Year 4

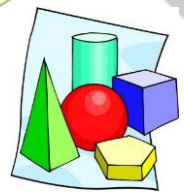
- Can you spot horizontal and vertical lines and pairs of perpendicular and parallel lines?
- Do you know that two right angles make a half-turn, three make three quarters of a turn and four make a full turn?



- Can you compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes?
- Can you plot positions on a 2-D grid as positive number coordinates?
- Can you identify lines of symmetry in 2-D shapes presented in different orientations?
- Can you identify acute and obtuse angles., and compare and order angles up to two right angles by size?

Year 5

- Can you estimate and compare acute, obtuse and reflex angles, and know that angles are measured in degrees?
- Can you draw given angles and measure them in degrees?
- Can you identify angles at a point on a straight line and 1/2 a turn (total 180°)
- Can you use the properties of rectangles to find related facts, missing lengths and missing angles?
- Can you tell the difference between regular and irregular polygons?



Year 6

- Can you draw 2-D shapes using dimensions and angles you are given?
- Can you illustrate and name parts of circles, including radius, diameter and circumference?
- Can you describe positions in all four quadrants on a full coordinate graph?
- Can you compare and classify geometric shapes based on their properties and sizes. Can you also find unknown angles in any triangles, quadrilaterals or regular polygons?
- Can you draw and translate simple shapes on the coordinate plane and reflect these in the axis?