

Meath Green Junior School- Whole School Progression- Geometry: Position and Direction

Our Intent:

Maths at Meath Green Junior School is a subject that sparks curiosity, provides challenge and results in enjoyment through the children's processes and successes. We aim for the stigma of maths to be eradicated and replaced with children who are brave and resilient within their approaches to mathematical concepts, representations and problems. Our approaches ensure that children are actively involved in their learning and are passionate about their knowledge and achievements.

Developing knowledge

Year 3

Year 4

Year 5

Year 6

Geometry: Position and Direction

Position, Direction and Movement

describe position, direction and movement, including half, quarter and three-quarter turns. (Year 1)

use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three quarter turns (clockwise and anti-clockwise)

describe positions on a 2-D grid as coordinates in the first quadrant

describe movements between positions as translations of a given unit to the left/right and up/down

plot specified points and draw sides to complete a given polygon

identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed

describe positions on the full coordinate grid (all four quadrants)

draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Pattern

order and arrange combinations of mathematical objects in patterns and sequences