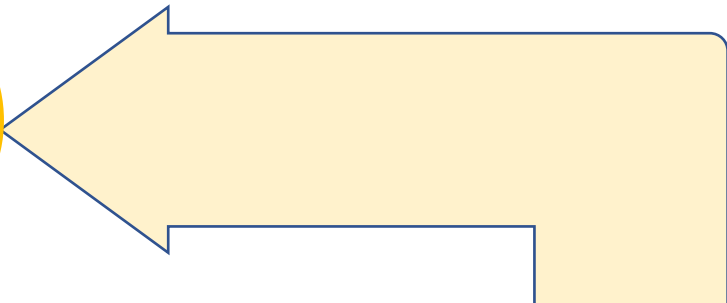


Curriculum & Knowledge Map: Shape (Pos & Direction)



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.

Year 6

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.

Year 5

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.

Year 4

Year 3

Order and arrange combinations of mathematical objects in patterns and sequences
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).

Year 2

Describe position, direction and movement, including whole, half, quarter and three-quarter turns.

Year 1

Curriculum & Knowledge Map: Shape (Pos & Direction)



EYFS

Birth to three

- Climb and squeeze themselves into different types of spaces.
- Build with a range of resources.
- Complete inset puzzles.
- Notice patterns and arrange things in patterns.

Three to four Years

- Understand position through words alone – for example, “The bag is under the table,” – with no pointing.
- Discuss routes and locations, using words like ‘in front of’ and ‘behind’.

Reception

- Select, rotate and manipulate shapes in order to develop spatial reasoning skills.