



Geometry: Position and Direction

POSITION, DIRECTION AND MOVEMENT

Nursery

describe position using behind or next to
make arrangements with objects

Reception

explore circles and triangles (positional language)
recognise places and models in different positions
replicate simple constructions, models and places
select and rotate shapes to fill a given space
match arrangements of shapes using positional language
use positional language to describe where objects are
make maps and plans to represent places and use these to see where things are in relation to other things

Year 1

describe position,
direction and
movement,

Year 2

use mathematical
vocabulary to
describe position,

Year 3

Year 4

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

Year 5

identify, describe
and represent the
position of a shape

Year 6

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

<p>including half, quarter and threequarter turns.</p>	<p>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)</p>		<p>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</p>	<p>following a reflection or translation, using the appropriate language, and know that the shape has not changed</p>	<p>draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>
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PATTERN

<p>Nursery use shapes to create and recreate patterns</p>	<p>Reception make, copy and continue simple patterns say complex patterns aloud copy, continue and create a widening range of repeating patterns and symmetrical constructions</p>
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	<p>order and arrange combinations of mathematical objects in patterns and sequences</p>				
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