



St John Fisher RC Primary School

Year 5 Maths Knowledge Organiser

Summer Term One: Geometry – Position and Direction

Objectives	Teacher
I can read and plot co-ordinates	
I can translate a shape	
I can 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	

Co-ordinates	Translation

Key Vocabulary

Co-ordinates	A set of numbers that specify an exact location of a point on a grid
Translate	To move a shape from one place to another without changing its size, shape, or orientation
Axis	The fixed lines on a graph - horizontal x-axis (left-right) and the vertical y-axis (up-down)
Units	How many spaces a shape has moved

Sentence Stems

<ul style="list-style-type: none"> • Read the _____-axis before the _____-axis. • The x-coordinate of the point is _____ and the y-coordinate is _____ The point has the coordinates (_____, _____). 	<ul style="list-style-type: none"> • Shape A has been translated _____ squares to the left/right and _____ squares up/down. • When a shape has been translated, the position of the shape _____ but the size of the shape _____
--	---

Assessment (Self-Assessment)