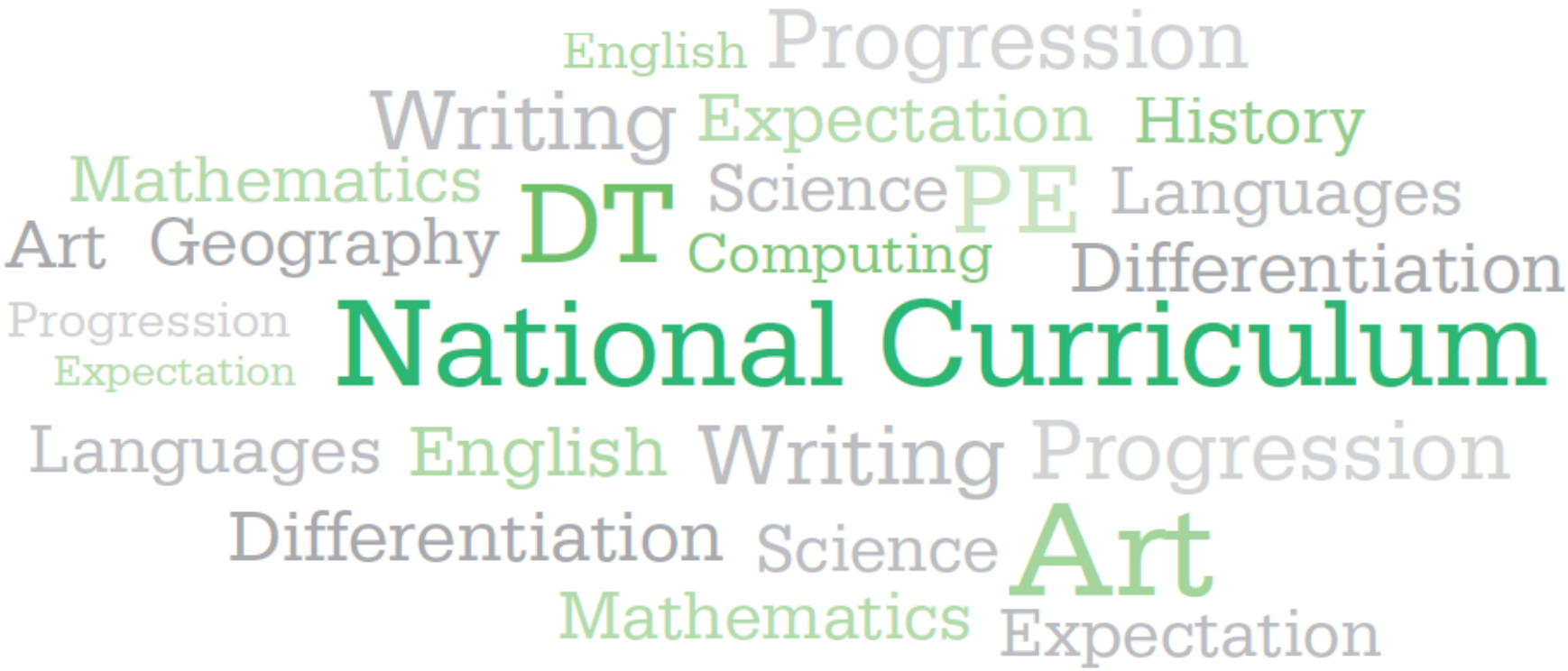
FOCUS MINIS

FOCUS EDUCATION



Progression in the new National Curriculum

Geometry: position, direction, motion						
Rec/ELG	**Y1**	**Y2**	**Y3**	**Y4**	**Y5**	**Y6**
Recognise, create & describe patterns. ELG		**Order & arrange** combinations of mathematical objects in patterns and sequences.				
	Describe **position, directions & movement**, including half, quarter and three-quarter turns.	Use mathematical vocabulary to describe **position, direction & movement**, including movement in a straight line and distinguishing between rotation as a turn & in terms of right angles for quarter, half and three-quarter turns (clockwise & anti-clockwise).				
				Describe positions on a 2D grid as **coordinates in the first quadrant**.		Describe positions on the full coordinate grid (**all four quadrants**).
				Describe movements between positions as **translations** of a given unit to the left/right and up/down.	Identify, describe & represent the position of a shape following a **reflection or translation**, using the appropriate language, & know that the shape has not changed.	**Draw & translate simple shapes** on the coordinate plane, & reflect them in the axes.
				Plot specified points & draw sides to complete a given polygon.		

Statistics						
Rec/ELG	**Y1**	**Y2**	**Y3**	**Y4**	**Y5**	**Y6**
		Interpret & construct simple: - **pictograms** - **tally charts** - **block diagrams** - **simple tables**	Interpret & present data using: - **bar charts** - **pictograms** - **tables**	Interpret & present discrete data using appropriate graphical methods, incl: - **bar charts** - **time graphs**	Complete, read & interpret information in: - **tables, incl timetables**	Interpret & construct: - **pie charts** - **line graphs** and use to solve problems.
		Ask & answer simple questions by counting the number of objects in each category & sorting the categories by quantity. **Ask & answer** questions about totalling and compare categorical data.	Solve one**-step & two-step questions** such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts & pictograms & tables.	Solve **comparison, sum & difference problems** using information presented in bar charts, pictograms, tables & other graphs.	Solve **comparison, sum & difference problems** using information presented in a line graph.	Calculate & interpret the **mean** as an average.