Progression in Algebra:

INTERPRETING, CONSTRUCTING AND PRESENTING DATA					
Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and ***missing number problems*** *such as* *7 = □ - 9* (copied from Addition and Subtraction)	*recognise and use the inverse relationship between addition and subtraction and use this to check calculations and* ***missing number*** *problems.* (copied from Addition and Subtraction)	solve problems, *including* ***missing number*** *problems, using number facts, place value, and more complex addition and subtraction.* (copied from Addition and Subtraction) *solve problems, including* ***missing number*** *problems, involving multiplication and division, including integer scaling*		*use the properties of rectangles to deduce related facts and find* ***missing lengths and angles***	express missing number problems algebraically
	recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100				find pairs of numbers that satisfy number sentences involving two unknowns
represent and use number bonds and related subtraction facts within 20					enumerate all possibilities of combinations of two variables
FORMULAE					
			Perimeter can be expressed algebraically as 2(a + b) where a and b are the dimensions in the same unit.		use simple formulae *recognise when it is possible to use* ***formulae*** *for area and volume of shapes*
SEQUENCES					
sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening	*compare and sequence intervals of time* *order and arrange combinations of mathematical objects in patterns*				generate and describe linear number sequences