Maths – Algebra

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* $7 = \square - 9$	*recognise and use the inverse relationship between addition and subtraction and use this to check calculations and* **missing number** *problems.*	*solve problems, including* **missing number** *problems, using number facts, place value, and more complex 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**
represent and use number bonds and related subtraction facts within 20	*recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100*		*Perimeter can be expressed algebraically as 2(a + b) where a and b are the dimensions in the same unit.*		**find pairs of numbers that satisfy number sentences involving two unknowns**
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*				**enumerate all possibilities of combinations of two variables**
	order and arrange combinations of mathematical objects in				**use simple formulae**

	patterns				
					recognise when it is possible to use **formulae** for area and volume of shapes
					generate and describe linear number sequences