



0-3 YEARS	NURSERY	RECEPTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
EQUATIONS								
			<i>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ (copied from Addition and Subtraction)</i>	<i>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)</i>	<i>solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction)</i>		<i>use the properties of rectangles to deduce related facts and find missing lengths and angles (copied from Geometry: Properties of Shapes)</i>	<i>express missing number problems algebraically</i>
			<i>represent and use number bonds and related subtraction facts within 20 (copied from Addition and Subtraction)</i>	<i>recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (copied from Addition and Subtraction)</i>	<i>solve problems, including missing number problems, involving multiplication and division, including integer scaling copied from Multiplication and Division)</i>			<i>find pairs of numbers that satisfy number sentences involving two unknowns</i>
FORMULAE								
						<i>Perimeter can be expressed algebraically as $2(a + b)$ where a</i>		<i>use simple formulae</i>

PROGRESSIONS OF SKILLS FOR MATHS

Algebra

								<i>and b are the dimensions in the same unit. (Copied from NSG measurement)</i>
								<i>recognise when it is possible to use formulae for area and volume of shapes (copied from Measurement)</i>

SEQUENCES

<i>notice patterns and arrange things in patterns</i>	<i>begin to describe a sequence of events, real or fictional, using words such as 'first', 'then'...</i>	<i>continue, copy and create repeating patterns</i>	<i>sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening (copied from Measurement)</i>	<i>compare and sequence intervals of time (copied from Measurement)</i>				<i>generate and describe linear number sequences</i>
	<i>talk about and identify patterns around them</i>			<i>order and arrange combinations of mathematical objects in patterns (copied from Geometry: position and</i>				

PROGRESSIONS OF SKILLS FOR MATHS

Algebra

				direction)				
	<i>extend and create ABAB patterns – stick, leaf, stick, leaf</i>							
	<i>notice and correct an error in a repeating pattern</i>							
VOCABULARY								
patterns	patterns, first, then	patterns, repeating, first, then, next	patterns, repeating, first, then, next, missing number, before, after, yesterday, tomorrow	patterns, repeating, missing number, inverse, hour, minute	sequence, inverse, integers	sequence, perimeter, area, dimensions	sequence, perimeter, area, dimensions	Linear number Sequence Substitute Variables Symbol Known values Formulae Equation