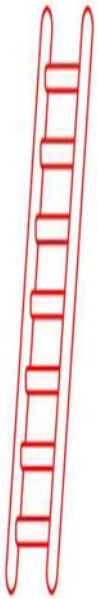
Year 2 Age Related Expectation (ARE) Statements for Maths 2023-2024 For:_____

Steps to success!



Place Value			
Compare and order whole numbers up to 100			
Read and write numbers up to 100 in numerals and in words (phonetically)			
Know the place value headings of ones and tens and know that zero is a place holder.			
Number and fractions			
Know and use the symbols =, <, >			
Use halving with doubling and subtraction with addition			
Know and use the symbols for x and ÷			
Use measure including money when calculating			
Use non standard layout for calculations eg 20 = 15 + 5			
Know the meaning of odd and even numbers and be able to recognise these			
Know doubles and halves up to 20 (2x table)			
GDS – Use reasoning and relationships of number to solve complex problems and explain their thinking.			
GDS- Solve unfamiliar problems with more than one step.			
Know addition and subtraction facts of all numbers to 10 and use these to calculate bonds up to 20 e.g. 3 + 7 = 10 so 13+ 7 =20			
Derive addition and subtraction facts (to 100) using known facts to 10			
Add and subtract numbers including a two-digit number and ones,			
Add and subtract a two-digit number and tens,			
Add and subtract three one-digit numbers (link to coins)			
Add and subtract 2 two-digit numbers, using jottings or apparatus if necessary			
Count in ones, twos, fives and tens from any number, forwards and backwards including crossing 100			
Know the different coins, the symbols for pounds (£) and pence (p) and be able to use different coins to make the same amount.			
Recognise and name the fractions $^1/_3$, $^1/_4$, $^2/_4$, $^3/_4$			
Find fractions of number or fraction of shape			

Measurement			
Know that 60 minutes = 1 hour, 24 hours = 1 day			
Know the months of the year *and be able to sequence units of time by comparing their durations.*			
Read the time to the nearest fifteen minutes using an analogue clock (including 'o'clock', 'half past', 'quarter past' and 'quarter to'). GDS – to the nearest 5 minutes			
Measure lengths in metres and centimetres			
Read scales in twos, fives and tens. GDS: not all numbers given + estimate points in between			
Know the standard units for length (m, cm), mass (kg, g), temperature (°C) and capacity (litres/ml) and select the correct equipment for measuring each.			
Use purple pen to correct errors and explain reasoning			
Geometry			
Identify some 2D shapes *(e.g. square, circle, triangle, rectangle, pentagon, hexagon, octagon)*			
Identify some 3D shapes *(cube cuboid, sphere, cylinder, prism, cone, pyramid)*			
Know and use some of the terms to describe 2D shapes: 'side' and 'corner'			
Know and use some of the terms to describe 3D shapes: 'vertices/vertex' 'edges' and 'faces'			
GDS: Describe similarities and differences of 2D and 3D shapes			
Use mathematical vocabulary to describe position, direction and movement ($^1/_4$ turn, ½ turn, clockwise and anticlockwise)			
Recognise a line of symmetry in a shape			
Continue patterns using a line of symmetry			

	10	9	6	7	8		10x	2x	5x
Know addition bonds						Know multiplication facts and can solve simple problems			
Know subtraction bonds						Know division facts and can solve simple problems			
Solve missing number calculations						GDS: Make deductions outside known multiplication facts (3x, 4x, 6x)			