

Year 1 PoS, Number – number and place value				
Recognise that when re-arranged the number of objects stays the same	Count objects, actions, pictures and sounds reliably up to 20	Order numbers and images (including a selection of) up to 20 forwards and backwards.	Copy, continue and then create patterns with 2 and then more elements.	Read numbers in words to 5 (in line with child's literacy level)
Count forwards and backwards to and from 20 starting at any number	Read (on cards, number lines, 100 squares, clocks and in real life situations) and record (written and using place value cards) numerals to 20	Use ordinal language to 20 th	Match objects to corresponding numerals (on cards, number lines and 100 squares) and to structured apparatus such as Numicon and base ten	Match number words and numerals together to 5
Count forwards and backwards to and from 30 from 0	Count in multiples of 2 to 20 and recognise the pattern of odd and even numbers.	Order numbers and images (including a selection of) up to 30 forwards and backwards	Hear a number and show it's worth using objects and structured apparatus such as Numicon and base ten	Write number names in words to 5 (accept spellings in line with child's literacy)
Count forwards and backwards to and from 30 starting at any number	Count objects, actions and pictures reliably to 30. Read and record numerals to 30	Find one more and one less than a given set of objects or numbers up to 30	Hear a number and find on a number line and a hundred square	Read numbers in words to 12 (in line with child's literacy level)
Count forwards and backwards to and from 50 from 0	Count objects, actions and pictures reliably to 50. Read and record numerals to 50	Order numbers and images (including a selection of) up to 50 forwards and backwards	Compare groups of objects using comparative language including more than, less than and equal to	Match number words and numerals together to 12
Count forwards and backwards to and from 50 starting at any number	Count in multiples of 5 from 0 to 50	Find one more and one less than a number to 50	When comparing several groups of objects say which has the most and which has the least	Write number names in words to 12 (accept spellings in line with child's literacy)
Count forwards and backwards to and from 100 from 0	Count, read and record to 100 Count in multiples of 10 from 0	Order numbers and images (including a selection of) up to 100 forwards and backwards	Say whether a number is more than, less than or equal to another number.	Read number words and match with numerals to 20, focus on the teen and the ty sounds.
Count forwards and backwards to and from 100 starting at any number	Group objects in 2's, 5's and 10's to make counting more efficient	Find one more and one less than a given number to 100	Say which number out of a group of numbers is the most or the least.	Write number names in words to 20 (accept spellings in line with child's literacy)
Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens	Given a number, identify one more and one less	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Read and write numbers from 1 to 20 in numerals and words

Year 1 PoS, Number – addition and subtraction			
Demonstrate awareness that numbers can be combined to make a larger one	Demonstrate awareness that numbers can be split to make smaller ones	Practically explore addition and subtraction of two numbers to 5 - how many ways can you make 5 using two numbers? How many ways can you make 2, 3 and 4?	Solve simple problems that involve counting or pattern
Understand addition (adding) as combining two or more groups in practical contexts by counting all	Understand subtraction as taking away in practical contexts		
Calculate one or two more by counting on within 20	Calculate one or two less by counting back within 20	Play games to memorise the pairs that make 5	Know which maths to choose to solve a one-step problem
Add by counting on from the first number	Find how many have been removed from a set by counting up and by using Numicon to find out how many more are needed to make a larger number	Practically explore number bonds and related subtraction facts to 6 and 7	Select appropriate equipment to solve a one-step problem
Begin to see that numbers can be added in any order	Can say how many more and how many less when comparing two sets of objects or pieces of Numicon and then find the difference between two numbers	Explore number bonds and related subtraction facts to 8 and 9	Use pictures and jottings to work out and show the answer to a problem.
Understand the effect of adding zero	Understand the effect of subtracting zero	Understand the effect of adding or subtracting zero and know bonds that include 0	Explain what they have done to someone else
Recognise + as the symbol that means add, addition, adding, plus, combining, put together, altogether, total, more, counting on, counting forward, getting bigger	Recognise - as the symbol that means subtract, subtraction, subtracting, take-away, difference between (distance between), less, minus, counting back, getting smaller	Practically explore number bonds and related subtraction facts to 10	Find range of possibilities and talk about the choices they make
Understand that equals means the same as, balances or equivalent to in the context of +	Understand that equals means the same as, balances or equivalent to in the context of -	Play games to memorise the pairs that make 10	
Read and understand simple + number sentences including more than two numbers	Read and understand simple - number sentences	Explore bonds up to and including 10 using number sentences and discovering patterns	Read , understand and complete missing number problems such as $7 = \square - 9$
Write simple + number sentences from own problems	Write simple - number sentences from own problems	Explore number bonds and related subtraction facts to 20	Formulate number sentences from simple word or practical problems
Add numbers to 20, including zero. Read, write and interpret mathematical statements involving addition (+), and equals (=) signs	Subtract numbers within 20, including zero. Read, write and interpret mathematical statements involving subtraction (-) and equals (=) signs	Represent and use number bonds and related subtraction facts within 20	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations

Year 1 PoS, Number – multiplication and division
Double practically with objects, pictures and structured apparatus
Halve practically with objects, pictures and structured apparatus
Use counting to solve repeated addition problems
Use counting to solve sharing problems
Use grouping/step counting in 2's, 5's and 10's to solve simple multiplication problems
Use grouping in 2's, 5's and 10's to solve simple division problems
Use arrays to solve simple multiplication problems
Know and use vocab: multiply, multiplication, lots of, groups of, sharing, grouping, divide, division.
Group objects, use structured apparatus, pictorial representations and arrays to solve one-step multiplication and division word problems
Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

Year 1 PoS, Number - fractions	
Find half of a whole regular shape and object through practical experiences	Find quarter of a whole regular shape and object through practical experiences
Understand that both halves are equal	Understand that each quarter is equal
Understand that two halves make a whole	Understand that four quarters make a whole
Able to double and halve quantities to 10	Understand the relationship between halves and quarters i.e. two quarters are equal to a half
Solve practical problems using mathematical language such as half, whole, equal and share	Solve practical problems using mathematical language such as quarter, half, whole, equal and share
Halve a quantity equally into two parts and represent pictorially or using symbols	Quarter a quantity equally into four parts and represent pictorially or using symbols
Find half of a whole in length, mass, time, money and capacity	Find quarter of a whole in length, mass, time, money and capacity
Understand the link between halving and quartering and sharing/division.	
Make and recognise whole and half turns	Make and recognise quarter turns
Solve practical problems sharing objects, shapes or quantities equally in half	Solve practical problems sharing objects, shapes or quantities equally into quarters
Introduce the symbol that represents $\frac{1}{2}$	Introduce the symbols that represents $\frac{1}{4}$
Recognise, find and name a half as one of two equal parts of an object, shape or quantity	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity

Year 1 PoS, Geometry – properties of shape, position and direction	
Using everyday objects talk about solid and flat shapes	Follow instructions given in everyday language about position direction and movement
Start to match solid and flat objects to pictures of them	Use simple mathematical words to describe positions, directions and movement.
Recognise and name common 3-D shapes and understand that a cube is a cuboid	Make and talk about whole, half, quarter and three-quarter turns
Recognise and name common 2-D shapes and understand that a square is a rectangle	Understand turning clockwise and anti-clockwise
Experience a wide range of shapes to understand that rectangles, triangles, cuboids and pyramids are not always the same (not always equilateral)	Know and use vocab: left, right, top, middle, bottom, on top of, in front of, above, between, around, near, close and far, up and down, forwards and backwards, inside and outside
Recognise shapes in different orientations and sizes	
Recognise and name common 2-D (rectangles, circles and triangles) and 3-D (cuboids, pyramids and spheres) shapes	Describe position, direction and movement, including whole, half, quarter and three-quarter turns

Year 1 PoS, Measurement					
Understand and use this vocabulary when making direct comparisons of lengths and heights: Long, short, longer, shorter, tall, short, double, half	Measure using non-standard measures and make own recording	Know what money is used for and show this in play	Talk about familiar events	Talk about days of the week and parts of the day	Know the o'clock times when particular things happen e.g. 12 lunch, 3 end of school day
Understand and use this vocabulary when making direct comparisons of mass/weight: Heavy, light, heavier than, lighter than	Compare different non-standard units and begin to see the need for standard units	Recognise 1p, 2p and 10p and understand that two 1p coins can buy the same amount (are worth the same) as one 2p coin and ten 1p coins = one 10p	Sequence familiar events.	Use mathematical words about time such as seasons, late, early, old, new	Recognise a clock face; know the numbers go from 1 to 12 and where they are positioned. Know there are two hands and that the shorter one is the hour hand
Understand and use this vocabulary when making direct comparisons of capacity/volume: Full, empty, more than, less than, quarter	Use balance scales with weights, weighing scales, rulers, metre rules, trundle wheels, measuring containers and clocks to measure in g, kg, cm, m, ml, l and minutes	Recognise name all British coins.	Use words such as before, after, next, and first, to talk about the sequence of events	Know the names of the days of the week and begin to put them in order	Know where the minute hand points when it is exactly o'clock and read o'clock times that are familiar
Understand and use this vocabulary when making direct comparisons of time: quicker, slower, earlier, later.	Make simple estimates	Understand the value of each British coin and note.	Use words such as today, yesterday, tomorrow, morning, afternoon and evening to talk about the sequence of events	Know the months of the year and begin to put them in order	Know where the minute hand points when it is exactly half-past and read half-past times that are familiar
Solve practical problems in all areas using the above vocabulary	Record using standard measures (group in 2's, 5's or 10's for efficient counting)	Look at coins and notes from other countries and compare them to our own	Sequence a series of events following the above language	Know what year we are in	Read and show on a clock face o'clock and half-past times correctly.
Compare, describe and solve practical problems for: lengths and heights, mass or weight, capacity and volume, time	Measure and begin to record the following: lengths and heights, mass/weight, capacity and volume, time	Recognise and know the value of different denominations of coins and notes	Sequence events in chronological order using language	Recognise and use language relating to dates, including days of the week, weeks, months and years	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times

