Maths

Year 1

Non-negotiable

Be able to count on in 2's to 20; 5's to50 and 10's to 100.
Know all number bonds to 10 and 20
Identify one more and one less within 100.

Number and place value

N	Assessed	Examples
1	Count to 100 forwards and backwards	Count on from 0 to 20, 0 to 50, 0 to 100 Count on from any number to 20, 50, 100 Count back from 10 to 0, 20 to 0, 50 to 0
2	Count to and across100 from any given number forwards and backwards	Count back from 100 to 0 Count back from any number smaller than 10 to 0 20 to 0,50 to 0,100 to 0
3	Read and write numbers to 100 and start to compare using objects and pictures	Compare 25 and 16 and know that 25 is larger. Use e.g. Numicon, base 10 etc. to support
4	Count in multiples of 2 Count in multiples of 5 Count in multiples of 10	Count forwards and back in 2s, 5s or 10s. Start to recognise odd and even numbers Count in 10s to 50, to 100 Count in 2s to 20, 50,100 Count in 5s to 50, 100
5	Identify one more and one less than any given number	Know one more than a given number to 20, 50,100 Know one less than a given number to 20, 50,100 Write a number that is one more than any given number to 20 Write a number that is one less than any given number to 20
6	Show numbers using objects, pictures or a number line	Make the number 12 using cubes, drawing dots or by putting it on a number line
7	Use the language; equal to, more than, less than, fewer, most, least	
8	Read and write numbers to 20 in numbers and words Distinguish between and use: ordinal and cardinal numbers	Read and write all numbers as numerals and words to 10, 20 Order objects using the terms 1st, 2nd, 3rd, etc.

Addition, subtraction, multiplication and division

A	Assessed	Examples
1	Read and write number sentences using +, - and =	
2	Know number bonds to 10 and 20 and related subtraction facts	9+1=10, 10-1=9 Also begin to know number bonds of numbers up to 10 e.g. 3 + 2 = 5, 5 - 2 = 3 Know all number bonds to 10, using addition then 20 Know all number bonds to 10, using subtraction then 20
3	Add and subtract numbers 1-digit and 2-digit numbers to 0-20 and understand what happens when zero is added or subtracted	Add two, 1-digit numbers to 10 Add two, 1-digit numbers to 20 Add a 1-digit number to a 2-digit number to 20 Subtract two, 1-digit numbers Subtract a 1-digit number from a 2-digit number (up to 20)
4	Solve addition and subtraction problems using objects and pictures	Problems including language such as; put together, add, altogether, take away, distance between, more than, less than First to 10 then to 20
5	Solve missing number problems	7 = ☐ - 9
6	With support solve simple multiplication and division problems With support solve practical examples of multiplication and division up to 20	Word problems such as I have 2 groups of 3 apples, how many do I have altogether?

Fractions

F	Assessed	Examples
1	Recognise and find halves of objects, numbers and shapes and explain what half means	Find half of 4 apples Find half of 12 Find half of a square Find half of a 10cm line
2	Recognise, find and name a quarter as one of four equal parts of an object, number and shape. explain what half means	Find quarter of 4 apples Find quarter of 12 Find quarter of a square Find quarter of a 12cm line

Measurement

M	Assessed	Examples
1	Compare and describe length using language; long/short, longer/shorter, tall/short, double/half	Can compare 2 objects (5 objects and say which is the longer and shorter
2	Compare and describe mass or weight using language; heavy/light, heavier than/lighter than	Can compare up to 5 objects and say which is the heaviest and lightest
3	Compare and describe volume/capacity using language; full/empty, more than, less than, quarter	Can compare 2 containers and say which is full, empty, half full
4	Measure and begin to record: Lengths and heights Mass or weight Capacity/volume	
5	Solve practical problems for length, mass/weight capacity/volume	Use non-standard units of measure to find the length of two objects and say which is longer Start to use rulers and other measuring equipment to compare objects
6	Recognise and begin to know the value of different coins and notes	Recognise 1p, 2p, 5p 10p, 20p and 50p £1 coins Recognise £5 and £10 notes Compare the value of the different denominations of coins and notes
7	Measure and begin to record time (hours, minutes, seconds)	
8	Order events using language; before, after, next, first, today, yesterday, tomorrow, morning, afternoon and evening	
9	Know the days of the week and months of the year, use words; day, week, month, year	Know months of the year in order Know that seven days make up one week Know that there are twelve months in a year
10	Tell the time to the hour and show on a clock face	
11	Tell the time to the half hour and show on a clock face	Know that key events such as lunchtime happen at 12 o'clock/break time half past 10

Properties of Shapes

Sh	Assessed	Examples
1	Recognise and name 2-D shapes; rectangles, (including squares), circles and triangles	
2	Recognise and name 3-D shapes; cuboids, (including cubes), pyramids and spheres	

Position and Direction

P	Assessed	Examples
1	Describe position, directions and movements, including half, quarter and three quarter turns	Use the language; 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 out