End of Year 1 Maths Expectations

1. Number and place value

a. Can read numbers to 10 and extend to 20 in numerals
b. Can count accurately objects up to 20
c. Can count independently numbers up to 20 forwards and backwards
d. Can count out a given number of objects up to 10 from a larger group
e. Can say 1 more than a number up to 10 and extend to 20
f. Can say 1 less than a number up to 10 and extend to 20
g. Can say 1 more than a number up to 100
h. Can say 1 less than a number up to 100
i. Can represent a number up to 10 using practical equipment such as multi link cubes
j. Can identify and represent a number using practical objects and pictorial representations including a number line
k. Can solve simple problems involving place value

2. Number - addition, subtraction (mental and written)

a. Can use number bonds to 10 and all the numbers in between e.g. 5 + 2 = 7
b. Can use subtraction facts to 10 and all the numbers in between e.g. 4 - 3 = 1
c. Can use addition number bonds within 20
d. Can use subtraction facts within 20
e. Can read and understand mathematical statements that include +, - and = signs
f. Can add two one-digit numbers using concrete objects or pictorial representations
g. Can subtract two one-digit numbers using concrete objects or pictorial representations e.g. 7 - 3 = 4
h. Can add a two-digit number and a one-digit number within 20
i. Can subtract a one-digit number from a two-digit numbers using concrete objects or pictorial representations e.g. 13 - 6 = 7
j. Can solve simple problems involving addition using concrete objects
k. Can solve simple problems involving subtraction using concrete objects

3. Number - multiplication and division (mental and written)

a. Can double numbers up to 10 using practical objects and extend to 20
b. Can halve numbers up to 10 using practical objects and extend to 20
c. Can count in 2s to find out how many dots/cubes etc there are in an array or pattern
d. Can count in 10s to find out how many dots/cubes etc there are in an array or pattern
e. Can count in 5s to find out how many dots/cubes etc there are in an array or pattern
f. Can solve simple problems involving doubling and halving/sharing using concrete objects

4. Number - fractions (including decimals and percentages)

a. Can understand that two halves make one whole in a practical context
b. Can find 1/2 of a shape, object or group of objects in a practical context
c. Can find 1/2 of a quantity
d. Can understand that 1/4 represents one of four equal parts of a whole
e. Can find 1/4 of a shape or object
f. Can find 1/4 of a quantity

5. Measures

a. Can use the language related to length and height such as long, short, longer, shorter, tall, short, double, halve
b. Can use the language related to mass and weight such as heavy, light, heavier than, lighter than
c. Can use the language related to capacity and volume e.g. Full, empty, more than, less than, half, half full, quarter
d. Can use the language related to time such as quicker, slower, earlier, later
e. Can solve simple problems involving comparing measures in a practical context
f. Can measure and begin to record length and height using non standard units and extend to standard units
g. Can measure and begin to record mass and weight using non standard units and extend to standard units
h. Can measure and begin to record capacity and volume using non standard units and extend to standard units
i. Can recognise the value of different coins and notes
j. Can tell the time on an analogue clock using o' clock and half past

6. Geometry - properties of shape

a. Can recognise and name 2D shapes such as squares, rectangles, circles and triangles
b. Can recognise and name 3D shapes such as cuboids, cubes and spheres

7. Geometry - position and direction

a. Can describe position, direction and movement, including whole, half, quarter and three-quarter turns

8. Statistics

No statistics requirements in Year 1