

I love numbers and puzzles!



Mathematicians are learning...

Number

To subitise to 5
 To recognise numbers to 20
 To know number bonds to 5 and 10
 To explore how to make numbers above 10 using tens and ones.
 To solve simple number problems
 To explore the composition of all numbers to 10
 To find one more of numbers to 10
 To find one less of numbers to 10
 To estimate a number of objects
 To match the number to quantity
 To know addition and subtraction facts to 10
 To know doubling facts

Numerical Patterns

To say which group has more
 To say which group has fewer
 To compare equal and unequal groups
 To count objects to 10
 To combine two groups of objects
 To compare quantities to 10
 To count back from 10
 To take away objects and count how many are left
 To add numbers
 To subtract numbers
 To find the missing number
 To order numbers to 20
 To order numbers (non-consecutive) e.g. 13, 15, 19
 To find the missing number in an addition/subtraction sentence
 To count to 30 and beginning to count higher (100).
 To know that 1, 3, 5, 7 and 9 are odd & 2, 4, 6, 8, 10 are even
 To double numbers up to 10
 To find half of numbers up to 10
 To share quantities equally
 To combine groups of 2s, 5s and 10s

Shape, Space & Measure

To match objects
 To sort objects
 To order objects by height and length
 To add money
 To recognise the time to o'clock
 To compare capacity, length, height, size
 To recognise 1p 2p 5p 10p
 To order the days of the week
 To measure height using cubes
 To measure time
 To make pictures with shape arrangements
 To finish and repeating pattern
 To make patterns using shapes
 To name and describe 2D and 3D shapes

(There are no early learning goals that directly relate to shape, space and measure objectives. However. Children will have experienced rich opportunities to develop their spatial reasoning skills.)

At the end of the year Mathematicians can...

Have a deep understanding of numbers to 10, including the composition of each number. Subitise up to 5. Automatically recall number bonds up to 5 (including subtraction facts) and some number bonds to 10 (including doubling facts.)

Verbally count beyond 20, recognising the pattern of the counting system. Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than, or equal to the other quantity. Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.