Year 1

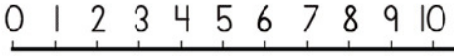
Essential Skills

YEAR 1

- Addition doubles for numbers below 10
  1+1, 2+2,...
- Recognise odd and even numbers
- Halve even numbers below 20
  Half of 8 is 4, have of 10 is 5
- Count in 10s above 100 forwards and backwards
  110, 120, 130, 140, 150...
  210, 200, 190, 180, 170...
- count in multiples of twos, fives and tens
  5, 10, 15, 20, 25...
- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number Count forwards and backwards in ones starting from a small 2 digit number
  28, 29, 30, 31, 32, 33...
  45, 44, 43, 42, 41, 40...
- Count forwards and backwards in tens
  37, 47, 57, 67, 77...
  55, 45, 35, 25, 15...
- Read and write and order numbers to at least 20
- Use the words *first, second, third...;*
- Given a number from 10 to 20, say the number that is 1 more, 1 less, 10 more, 10 less
  17 is 1 more than 16
  23 is 10 less than 33
- Use the words *add, sum, total, take away, subtract* and *difference* in practical situations
- Know by heart all pairs of numbers that make 10 (number bonds)
  1+9 = 10
  2+8 = 10
  3+7=10
- represent and use number bonds and related subtraction facts within 20
- Name and describe simple 2D and 3D shapes
  The square has 4 sides and 4 corners
  The cylinder has 3 faces and 2 edges
- describe position, directions and movements, including … three-quarter turns

Examples of Calculations in Year 1

Addition

Use strategy of holding the first number in the head and counting on to add	*What is 4 add 3?* *Show me on this number line how you hold the 4 in your head and count on.* 
Know the number bonds that total 10	*0+10 1+9 2+8 3+7 4+6 5+5*

Subtraction

Use inverse relationship to solve missing number calculations to 10	*What number goes in the box to make this calculation correct?* ☐ - 6 = 2 *How do you know?*
Produce number stories involving subtraction to 10	*Here are some cubes. Show me how to use them to work out nine take away four. How could you record that as a number sentence? Can you make up a number story for this?*

Multiplication

Count groups of objects to multiply – repeated addition	*How many 2p coins make 20p?* *How many socks are there altogether in these eight pairs?* *How many fingers are there altogether on six hands?*
Count in twos, fives and tens and derive the multiples of these numbers	*My sequence has these numbers in it: 10, 15, 20, 25…* *What numbers come next in the sequence?* *Show me the multiples of 2 on this number grid.*

Division

Group objects into twos to divide	*Here are 12 counters. Put them into groups of 2. How many groups are there?*
Group objects into 2s, 3,s, 4s etc and count groups to divide – repeated subtraction	*How many 2p coins make 20p?* *Put these 20 animals in groups of 5. How many groups did you make? Show me how you did it.*