By the end of Reception pupils should be able to:

- Form digits 0-9 correctly
- Recognise numerals to at least 10
- Count beyond 10
- Count backwards from at least 10
- Recall number bonds to 5
- Find 1 more/1 less than numbers to 10
- Double numbers to 5
- Name basic 2D shapes
- Know the days of the week

By the end of Year 1 pupils should be able to:

- Correct number formation
- Count forwards in 1's from any starting number
- Count in steps of 2, 5 and 10 from zero
- Count backwards in 1's and 10's
- Read numbers to 100
- Double and halve numbers to 10
- Recognise odd and even numbers up to 10
- Find 1 more/1 less than numbers to at least 50
- Recall number bonds within 10
- Name 2D shapes and basic 3D shapes
- Know the months of the year

By the end of Year 2 pupils should be able to:

- Count in steps of 2, 3, 5 and 10 from zero
- Count in 10's from any given number
- Find 10 more/less than a number
- Recall number bonds to 10 and 20
- Double and halve numbers to at least 20
- Recall facts in the 2 and 10 times tables
- Identify odd and even numbers to at least 20

By the end of Year 3 pupils should be able to:

- Count in steps of 2, 3, 4, 5, 8, 10, 50 and 100 from zero
- Count on or back in 100's from any three digit number
- Recall number bonds to 20 quickly
- Know by heart number bonds to 100 (multiples of 10 only)
- Know doubles and halves to at least 50
- Find 10 more/less and 100 more/less of given numbers
- Recall multiplication and related division facts for the 2,3,4,5,8 and 10 times tables
- Identify whether a number is odd or even
- Know how many seconds in a minute, hours in a day, days in a year

By the end of Year 4 pupils should be able to:

- Recall number bonds to 100
- Find 1000 more/less that any number up to 10,000
- Add/subtract 9 or 11 to a number mentally
- Count in steps of 2, 3, 4, 5, 6, 7, 8, 9, 10, 25, 50, 100 and 1000 from any given number
- Recall multiplication facts and related division facts up to 12 x 12
- Know the number of days in each month
- Know how many g in a kg and ml in a l and convert between them
- Know the number of degrees in a full turn, half turn and quarter turn

By the end of Year 5 pupils should be able to:

- Recall quickly number bonds to 100 and number bonds to 1 (using tenths)
- Double and halve any given number
- Recall quickly multiplication facts and apply to bigger numbers
- Recall division facts
- Identify squared numbers up to 12^2
- Multiply and divide whole numbers mentally by 10, 100 and 1000
- Recall prime numbers up to 19
- Know the number of degrees on a straight line and around a point