

## Daily Skills Progression - Number

### EYFS

- Recognise numerals have some significance
- Order numbers to and above 10
- Count reliably with numbers to 20
- One more and one less
- Doubling and halving

### Year 1

- Count to and across 100 from any given number in 1's
- Order 2 digit numbers to 100
- Identify 1 more or one less from any given number
- Identify 10 more or 10 less from any given number
- Count in 2s, 5s and 10s
- Count in odd and even numbers
- Compliments to 10 e.g 2+8
- Addition facts for any number within 10 (eg 2 +1, 5 + 4)
- Doubling and halving (from double 1 to double 10 and half of 2 to half 20)
- Recognise odd and even numbers to 20

### Year 2

- Order 3 digit numbers to 1,000
- Count in steps of 2,3,5 from 0 and 10's from any given number forward and backwards.
- Number facts for numbers to 12
- Know what must be added to a 2 digit number to make the next multiple of 10 ( $52 + ? = 60$ ).
- Know multiples of 2,5,10
- Compliments to 20 e.g 4+16
- Compliments to 100 in multiples of 10 e.g 3+7, 30+70
- Count in fractions of  $\frac{1}{2}$  to 10
- Recognise odd and even numbers to 100
- Doubling and halving (from double 1 to double 20 and half of 2 to half 40)

### Year 3

- Count from 0 in multiples of 4, 8, 50 and 100
- Count 10 more or 10 less from any given number
- Count 100 more or less from any given number
- Know multiples of 2,3,4,5,8,10,50 and 100
- Compliments to 100. E.g 31+69
- Compliments to 100 with multiples of 100 (eg 300 + 700)
- Read any unit or non-unit fraction less than 1.
- Count in fractions of  $\frac{1}{2}$ ,  $\frac{1}{4}$  and  $\frac{1}{10}$  from any number
- Know number facts for all numbers to 20
- Doubles of all numbers to 100 with one's digit 5 or less and know corresponding halves (eg double 43, half of 72, half of 44)
- Reinforce doubles and halves of all multiples of 10 and 100
- Recognise any odd or even number

#### Year 4

- Count in multiples of 6,7,9,25 and 1000
- Count backwards through zero to include negative numbers
- Round numbers to the nearest 10, 100, 1000
- Know all multiplication facts to  $12 \times 12$
- Count up and down in  $\frac{1}{5}$ ,  $\frac{1}{100}$ 's
- Know factor pairs for known multiplication facts.
- Pairs of fractions that total 1 (with the same denominator)
- Decimal compliments to 1 (1 dp, for example,  $0.3 + 0.7$ )
- Fraction/decimal equivalents of one half, quarters, tenths and hundredths (eg  $0.3 = \frac{3}{10}$ ,  $\frac{3}{100} = 0.03$ ).
- Revise doubles of multiples of 10 and 100 and corresponding halves.
- Know what number must be added to any 3 digit number to make the next multiple of 10 0( eg,  $345 + 55 = 400$ )

#### Year 5

- Count forward and backwards with positive and negative numbers, including through zero.
- Count forward and backwards in steps of powers of 10 for any given number to 1,000,000
- Count prime numbers up to 19
- Know all multiplication and corresponding division facts to  $12 \times 12$
- Square and cubed numbers
- Convert equivalent fractions to decimals and percentages
- Know decimal compliments to 1 (2 dp, e.g.,  $0.76 + 0.24$ )
- Know decimal compliments to 10 ( 1dp, e.g.,  $6.2 + 3.8$ )
- Know what must be added to any 4-digit number to make the next multiple of 1000 (e.g.  $4678 + 322 = 5000$ )
- Know what must be added to any 1d.p number to make the next whole number (e.g.  $4.8 + 0.2 = 5$ )
- Doubles and halves of 1.d.p decimals to 10 (e.g. double 3.4, half of 5.6).
- Know all square numbers to  $12 \times 12$
- Know all prime numbers to 19.
- FDP equivalents of halves, quarters, tenths, hundredths, thirds and fifths ( e.g.  $\frac{1}{5} = \frac{2}{10} = 0.2 = 20\%$ )
- Factor pairs for numbers to 100.

#### Year 6

- Compliments to 1 in  $\frac{1}{100}$ 's e.g  $0.81+0.19$
- Count forward and backwards with positive and negative numbers, including through zero.
- Count forward and backwards in steps of powers of 10 for any given number to 1,000,000
- Multiply and divide mentally any number drawing upon known facts
- Square and cubed numbers ( to  $10 \times 10 \times 10$ )
- Prime numbers to 100
- Prime factors of numbers to 100
- Convert equivalent fractions to decimals and percentages
- Find percentages of amounts using tables knowledge
- FDP equivalents of halves, quarters, tenths, hundredths, thirds and fifths, sixths and eighths (ninths and elevenths if possible) ( e.g.  $\frac{1}{5} = \frac{2}{10} = 0.2 = 20\%$ )
- Doubles and halves of 2.d.p decimals to 100 (e.g. double 18.45, half of 6.48)
- Know decimal compliments for all whole numbers to 10 - 2.d.p (e.g.  $7.26 + 0.74 = 8$ )