

## Mental Maths Progression Skills

### Year 2/Year 3

Recall and use addition and subtraction facts to 20.

Derive and use related facts up to 100

- Add three single digits by finding pairs that total 10
- Begin to bridge through 10
- Add and subtract 9 and 19 by rounding and compensating

### Year 3/Year 4

Recall and use addition and subtraction facts to 100 (multiples of 5 and 10)

Derive and use addition and subtraction facts for 100

Derive and use addition and subtraction facts for multiples of 100 that total 1000

- Identify and use knowledge of number bonds within a calculation
- Bridge through 10 when adding and subtracting
- Add and subtract 9, 19 and 29 etc. by rounding and compensating

### Year 4/Year 5

Recall and use addition and subtraction facts for 100

Recall and use addition and subtraction facts for multiples of 100 that total 1000

Derive and use addition and subtraction facts for 1 and 10 (with decimal numbers to 1 decimal place)

- Identify and use knowledge of number bonds within a calculation and identify related facts (e.g.  $180 + 270$  from  $18 + 27$  or based on  $9 \times$  table)
- Find differences by counting up through the next multiple of 10 or 100.
- Add or subtract a multiple of 10, 100 and 1000, and adjust.

### Year 5

Recall and use addition and subtraction facts for 1 and 10 (with decimal numbers to 1 decimal place)

Derive and use addition and subtraction facts for 1 and 10 (with decimal numbers to 2 decimal places)

- Identify and use knowledge of number bonds within a calculation and identify related facts including decimals
- Find differences by counting up through 1, 10, 100 or 1000.
- Add or subtract a whole number and adjust (with decimals to 1 decimal place).

### Year 6

Recall and use all mental skills and strategies confidently, fluently and accurately.