A Parent's Guide to Maths for Year 2

Key mental maths skills

Addition strategies

- Number bonds – knowing all the pairs of numbers which make all the numbers to 10

- Know pairs of numbers with a total of 20

- Know multiples of 10 with totals up to 100 (e.g. 30 + 40, 60 +40)

- Count on in ones and tens from any given 2-digit number

- Add a single-digit number to any 2-digit number using number facts (e.g. 45 + 4)

- Add 10 and small multiples of 10 to any given 2-digit number

Subtraction strategies

- Number bonds – knowing all the pairs of numbers which make all the numbers to 10

- Know what 20 take away any number less than 20 is (e.g. 20- 6 , 20 – 13 etc)

- Count back in ones and tens from any given 2-digit number

- Subtract a single-digit number from any 2-digit number using number facts (e.g. 56 – 3)

- Subtract 10, and small multiples of 10, from any given 2-digit number

Multiplication strategies

- Count in 2s, 5s and 10s

- Begin to count in 3s

- Begin to understand that multiplication is repeated addition and to use arrays (e.g. 3 x 4 is three rows of 4 dots)

- Begin to learn the 2x, 3x, 5x and 10x tables, seeing these as 'lots of' (e.g. 5 lots of 2, 6 lots of 2, 7 lots of 2, etc.)

- Double numbers up to 25

- Begin to double multiples of 5 to 50

- Begin to double two-digit numbers less than 50 with a 1s digits of 1, 2, 3 4 or 5

Division strategies

- Count in 2s, 5s and 10s

- Begin to count in 3s

- Using fingers, say where a given number is in the 2s, 5s or 10s count (e.g. 8 is the fourth number when I count in twos.)

- Relate division to grouping (e.g. How many groups of five in fifteen?)

- Halve even numbers to 50

- Begin to halve multiples of 10 to 100

- Find ½, $\frac{1}{3}$, ¼ and ¾ of a quantity of objects and of amounts (for whole number answers)