

Addition

YEAR 1 - Numbers to 20 and beyond – Skipping Rope Method

Numbers are written alongside one another and the skipping ropes indicate which part of the number is to be partitioned and added together

$$\begin{array}{r} 14 + 13 = 27 \\ \text{---} \quad \text{---} \\ 20 \quad 7 \end{array}$$

YEAR 2 - Two digit numbers – Expanded Column Method

Pupils need to be able to recognise the value of the tens and ones without recording the partitioning. Pupils add in column starting with the ones.

$$\begin{array}{r} 54 \\ + 23 \\ \hline 7 \\ \hline 70 \\ \hline 77 \end{array}$$

YEAR 3 – Three digit numbers – Expanded Column Method

Pupils build on work in year 2 by using the expanded column method to add 3 digit numbers. Pupils then add in columns starting with the ones,

$$\begin{array}{r} 134 \\ + 225 \\ \hline 9 \\ 50 \\ \hline 300 \\ \hline 359 \end{array}$$

Some pupils may be ready to move onto the column method before year 4

YEAR 4 – Up to four digit numbers – Column Method

Pupils move from the expanded method to column method without recording the individual totals. Pupils carry numbers underneath the calculation.

$$\begin{array}{r} 3517 \\ + 396 \\ \hline 3913 \\ \hline 11 \end{array}$$