

Year 3 Maths Curriculum

By the end of year 3 children should be able to confidently:

- I can position any 3-digit number on a landmarked line from 0-1000 and use this to order and compare numbers.
- I understand place value in 3-digit numbers
- I can add and subtract multiples of 1s, 10s or 100s without difficulty (not crossing boundaries).

E.g. $238+40$

Year 3 Maths Curriculum

- I know number pairs for **all** the numbers up to and including 20

E.g. pairs which make 15 (7+8, 6+9, 5+10, 4+11, 3+12, 2+13, 1+14, 0+15)

- I can round to the nearest ten and hundred

E.g. 34 to the nearest ten is 30, 276 to the nearest hundred is 300.

- I can add or subtract any pair of 2 digit numbers in my head. *E.g. 75 + 58 or 75 – 58*

- Subtract larger numbers in my head by counting up. *E.g. 302 – 288*

Year 3 Maths Curriculum

- I can show that multiplication can happen in any order. *E.g. 4×8 is the same as 8×4 .*
- I know the 2x, 3x, 5x and 10x times tables, to 12 times the number.
- I can use times table facts to help division
E.g. I know how many $3 \times 12 = 36$ so $36 \div 3 = 12$
- I can multiply any 2-digit number by 10 or a single-digit number by 100. *E.g. 45×10*
- I can divide any multiple of 10 or 100 by 10 or 100. *E.g. $400 \div 10$*

Year 3 Maths Curriculum

- Multiply a 1 digit number by a 2 digit number

E.g. 4×13

- I partition to double and halve numbers

E.g Half 58 becomes:

$$\begin{array}{c} 58 \\ \swarrow \quad \searrow \\ 25 \quad + \quad 4 = 29 \end{array}$$

- I know that division is the inverse of multiplication. *E.g. that $\square \times 3 = 21 \equiv 21 \div 3 = ?$*
- I recognise and find equivalent fractions for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$. *E.g. $\frac{1}{4} \equiv \frac{3}{12}$.*

Year 3 Maths Curriculum

- I find unit and non-unit fractions of small amounts. *E.g. $\frac{1}{5}$ of ... or $\frac{2}{3}$ of ...*
- I can add and subtract easy amounts of money.
E.g. $\pounds 3.64 + \pounds 4.50$
- I can give change by counting up.
E.g. $\pounds 10 - \pounds 6.95$ as $\pounds 6.95 + 5p + \pounds 3$ so change is $\pounds 3.05$.
- I compare durations of events using analogue and digital times.
- I can order same denominator fractions.

Year 3 Maths Curriculum

- I can add and subtract same denominator fractions (under 1). *E.g.* $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$
- I know that there are 100cm in a metre and that there are 10mm in a centimetre
- I can use a ruler accurately to measure lines.
- I can identify right angles as 90° in shapes, and also as turns.
- I can recognise angles as less than or greater than 90° .
- I can identify horizontal and vertical lines.