

# Year 5 Maths Curriculum

*By the end of year 5, children should be able to confidently:*

- I can locate 5 and 6 digit numbers on a landmarked line.
- I can compare/order numbers.
- I can round to ten, a hundred, a thousand or ten thousand.
- I can read different types of measuring scale.
- I can partition decimals into tenths and hundredths.

## Year 5 Maths Curriculum

- I can multiply and divide by 10 and 100 to give 1-place and 2-place decimal answers. *E.g.  $4.5 \times 10 = 45$ , and  $678 \div 100 = 6.78$*
- I can add or subtract 0.1 or 0.01 to/from any decimal number with confidence. *E.g.  $5.83 + 0.01$  or  $4.83 - 0.1$*
- I can add and subtract mentally with confidence. *Examples include:  $6,723 - 400$ ,  $78 + 46$ ,  $72 - 46$ ,  $8020 + 910$ ,  $100 - 64$ ,  $5000 + 12,000$ , etc.*
- I can add 3-digit and friendly 4-digit

# Year 5 Maths Curriculum

- I can subtract larger numbers using column subtraction or by counting up.
- I can subtract decimal numbers using counting up:  
 $6.2 - 3.5$
- I can multiply 2-digit by 2-digit numbers using grid method.
- I solve problems involving scaling up or down.

## Year 5 Maths Curriculum

- I can perform divisions mentally within the range of multiplication facts using remainders and fractions and decimal equivalences. *E.g.  $68 \div 8 = 8$  r4 or  $8\frac{1}{2}$  or 8.5*
- I can divide 2-digit and 3-digit numbers by one-digit numbers using short division.
- I can order fractions (where denominators are all multiples of the same number).

*E.g.  $\frac{8}{12} > \frac{1}{2} > \frac{2}{6}$*

## Year 5 Maths Curriculum

- I can reduce fractions to their simplest form, including tenths to fifths and hundredths to tenths. *E.g.  $40/100 = 4/10 = 2/5$  which is also 0.4.*
- I can add and subtract fractions with same multiple denominators. *E.g.  $8/12 + 2/6$*
- I can multiply fractions by whole numbers.
- I identify simple fraction/decimal equivalents. *E.g.  $1/2 \equiv 0.5$ ,  $0.25 \equiv 1/4$  and  $0.75 \equiv 3/4$ .*

## Year 5 Maths Curriculum

- I can measure and compare capacities, weights and lengths, including perimeters using modern metric units
- I understand the concept of area and count squares to find areas.
- I understand the properties of triangles
- I can find unknown angles in triangles and rectangles.