



Year 1 Maths

During Year 1, children will work towards being able to do the following:

Place Value	Addition and subtraction	Multiplication and Division	Fractions	Measurement	Geometry	Use and apply
- Count to and across 100 forwards and backwards from any number - Read and write numbers to 100 in numerals and writes to 20 in words - Identify 1 more and 1 less to 100 mentally - Represent numbers to 50 using pictorial representations - Counts in 2s, 5s and 10s	- Add and subtract numbers to 20, including zero - Know number bonds (addition pairs) for all numbers 1-9, for 10 and for 20 and use to show related subtraction facts - Solve $\pm$ one step problems including money and measure - Solve missing number problems to 20	- Solve $\times/\div$ one step problems using concrete objects and pictorial representations including money and measures - Begin to use arrays - Know doubles of numbers to 20 - Know that 2×5 is equivalent to 5×2	- Recognise and explain one half $\frac{1}{2}$ and one quarter $\frac{1}{4}$ of shapes and objects - Find $\frac{1}{2}$ and $\frac{1}{4}$ of a number by sharing objects or using number facts - Know halves of numbers to 20 - Solve fraction problems with numbers to 20	- Measure and record using standard units ★ capacity and volume ★ length and height ★ time ★ mass/weight - Solve practical problems using units of measurement and money. Talk about measuring and problems using correct vocabulary. - Know the value of coins and name notes - Draw hands on clock for o'clock and half past - Sequence events in chronological order using correct language	- Name and describe properties of 2D and 3D shapes - Recognise 2D and 3D shapes in different orientations - Describe position and direction of objects, including making a quarter and three quarter turn (e.g. left and right, top middle and bottom, inside and outside)	- Solve problems, selecting resources - Discuss using some simple mathematical language - Spot simple patterns

NB Some children will need more support to work towards these or will need to build up to them with easier activities, and some may quickly grasp them and will then apply their knowledge to lots of other different problems and situations or work on explaining their thinking. Above is adapted from the expectations at the end of Year 1 from the new National Curriculum.

How you can help at home:

- support your child with their maths homework;
- help your child to practise counting forwards and backwards and to read and compare (more/greater/less/fewer) numbers in the world around them;
- practise counting groups of objects in 2s, 5s and 10s;
- find and name 2D and 3D shapes in the world around them;
- help them to memorise number facts: the addition pairs that make all the numbers 1-9 (e.g. ways to make 2: $0+2$, $1+1$, $2+0$), addition pairs for 10 and 20.
- allow your child to handle money at the shops and help you work out small totals;
- talk to your child about events that happen during the day (morning, lunchtime, afternoon, evening), the week (days of the week and things that they do) and the year (seasons, birthdays); ask them to help you read the time when it is an o'clock or half past time on a clock with hands;
- play games that involve counting, dice, playing cards. These can be games like Snakes and Ladders or board games by Orchard Toys (these can often be bought cheaply at charity shops), or your own made up games (e.g. take turns to roll the die and take the matching number of 1p coins. The first person to 20p wins. Or start with 20p and take turns to roll the die and subtract the amount on the die; the first to 0 wins.).