



## Resources to Support Maths

### Early Years

- Write numbers to 20 on strips of paper and leave some blanks in between. Children fill in blanks.
- Sort the washing into piles of different colours.
- Matching socks when sorting out the washing.
- Find 4 shoes that are different sizes and put them in order.
- Look at days of the week What day is it yesterday, today, tomorrow?
- Count down 10/ 20 seconds to get to the table/ into bed etc.
- Recognising numbers on the clock. If you cover a number, what number was missing?
- Can you cut your toast into 4 pieces? Can you cut it into triangles?
- Setting the table. Counting the right number of plates etc. How many more do we need?
- Can you make shapes/ patterns out of the knives and forks. Can you put them in the right place in the drawers?
- Helping with the cooking by measuring and counting ingredients and setting the timer.
- Positional language at dinner time: what is on the rice, where are the carrots etc?
- Shape hunt: Can you find a square in your house (windows etc), a circle ...
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### KS1

- Practise your times tables (2, 5, 10, 3 and beyond!) in any fun way you can.
- Roll two dice to make a 2-digit number and identify the tens and one by drawing them.
- Find some numbers round the house and choose 5 to order ascendingly and descending.
- Play a number bond game with someone to practise all number bonds up to and within 20
- Find  $\frac{1}{2}$   $\frac{2}{4}$  and  $\frac{3}{4}$  of numbers, shapes, objects and lengths.
- Share out practical sweets or draw circles and dots to solve division problems.
- Go on a shape hunt and find all of the 2D and 3D shapes. Name their edges and vertices.
- Explore measures by cooking and baking and using different scales.
- Practise playing shops and using money to find totals and change.
- Construct a tally chart of your family's favourite food/toy etc and make a bar graph.
- Play some board games that involve counting spaces, adding money or sorting shapes.
- Practise telling the time to the nearest 5 minutes using watches and clocks around the house

### KS2

- Practise your times tables in any fun way you can: Investigations e.g. if I multiply an even number by an even number the answer is always even?
- Make a number bingo: Children choose their numbers and you give number facts.
- Compare temperatures on earth and at sea and calculate the difference between negative/positive numbers.
- Use receipts and discuss the place value of each number. Can you round it?
- Look at car number plates- how many different numbers can you make with the digits from the number plate?
- Roll and round- roll a dice with different numbers and round the number.
- Plan a trip of a lifetime to a specific location. Your budget is X amount.
- Use real menus to buy items and work out the cost of them. Extend by giving the children a budget to work in. Can they work out the change?
- Testing a hypothesis e.g. A Jamie Oliver salad is healthier than a shop bought one. Children to conduct research and then select the best way to present it.
- Use playing cards to calculate the mean and mode.
- Provide the chn with descriptions for them to have to make/construct the 3D solids e.g: I am thinking of a 3D shape it has a square base, it has 4 other faces which are triangles.
- When measuring, convert between different units and record. Measure real things e.g. ingredients left in a bag of flour.

