

Maths Home Learning Challenges

Below are some activities to help your child to develop mathematical confidence.

- In a shop look at some birthday cards. Which numbers can your child see? Talk about different ages.
- Write 0 - 20 on paper or card, cut out each number and hide them around your house. Can your child find all the numbers and order them from the smallest to the biggest number?
- When your child draws a picture ask them to count up all the details they can see.
- Sing Ten Green Bottles, 5 Currant Buns, 5 naughty monkeys and 5 Little Speckle Frogs. We sing these at school so your child should know the tune!
- Play board games, Snakes and Ladders is great for talking about more and less, adding and takeaway.
- Build towers and count up the bricks. Ask your child to add one more brick, how many are there now? Use the language of 1 more then and 1 less than interchangeably.
- Talk about halving, doubling and sharing with your child. Can they share toys equally? Can they cut foods such as an apple or pizza in half? Talk about making it 'equal'. Set your child doubling challenges, can they roll a dice and then double the number of dots they see?
- Dot-to-dot sheets are great for children to learn how to order numbers. Colour by number is also great for number recognition.
- Collect leaves, count them up. Can your child add one more? How many now? Can they take one away, now there is one less, how many are left?
- Group toys in sets of 2, 5 and 10. How many sets of 2, 5 and 10 do you have? This is the beginning of learning times tables.
- Go into your garden or a park near your house and collect some sticks, pebbles and leaves. See which 2D shapes you can make using them. Which objects are best for making a circle? Which are best for making a square /rectangle or triangle?
- Collect some 3D shapes in your home e.g. cereal boxes, boxes of tea, cereal containers and kitchen rolls. Encourage your child to make a model using the recycled materials, can they describe the shapes (does it have any corners, are the sides flat or curved, can you stack it or roll it?).
- Go outside on a sunny day, can your child see any shadows? Can they draw the outline of their shadow?
- Collect sticks and order them from the longest to the shortest. Are any the same length?
- Fill containers of water during 'bath time', use the language of capacity, full, empty, nearly full, nearly empty and the same.
- When your child brushes their teeth, time them for 2 minutes. You could use a sand timer or stopwatch. Model the language of minutes and seconds.