

## In the Garden

**Plant investigations** – What plants have you got at home and in the garden? Why not do some research about them? You could measure, draw, compare and observe them over time.

**Become a weather man** – Make a water gauge, a wind vane or even a sundial – there are loads of child-friendly examples of these on the internet and you can measure and record your findings daily!

**Watering plants** – inside or out – discuss measure and capacity problems. How many cups of water do you need? How many litres did we use for this plant? What is that in millilitres?

**How big is your garden?** - Measure the perimeter and area of the garden. How many steps is it from one side to the other? What is the distance all the way around the outside? Can you find the total area?

**Garden Explore** – Find objects in the garden and sort them into groups, or find different leaves and make them into a picture or a symmetrical pattern, press them, match the leaves to the trees that they came from.

**Treasure maps** – Make a map of the garden and house. Hide things and mark the place on the map for someone else to find. You could even hide clues, parts of a sentence which when put together give an answer or bits of a picture to put together like a jigsaw!

# Spring into Action

Learn the fun way!

Why not have a go at some of these fun activities and learn along the way.



## Role Play

**Go shopping** – Create a shop. Label everything with prices. You can be the shopkeeper and your family can buy from your shop using real money or pretend. Don't forget to give them their change!

**Story telling** – How are your acting skills? Make a play using a story you know really well. Dressing up could be fun too.

**Making Dens** – Making a den allows you show off your creative skills. Amazing how a few sheets and blankets can inspire your imagination. Why not combine it with an adventure story?

**Going on Holiday** – Re-enact your family holiday but you take charge. Organise everything -you have to pack, get the tickets, passports, arrive at airport, check in and board the plane. Where will you stay – in a hotel or at a campsite?



## In the Kitchen

**Make a cake** - It's amazing how much you can learn from baking a cake. Look at the layout of the instructions and read them one-by-one. Measure your ingredients. Do you need more butter than flour, or less? Try doubling the ingredients to make twice as much or halving them if you've got a small family.

**Make a smoothie** - Much the same as making a cake but you can also think about using healthy ingredients. How many of your 5-a-day can you get into one smoothie?

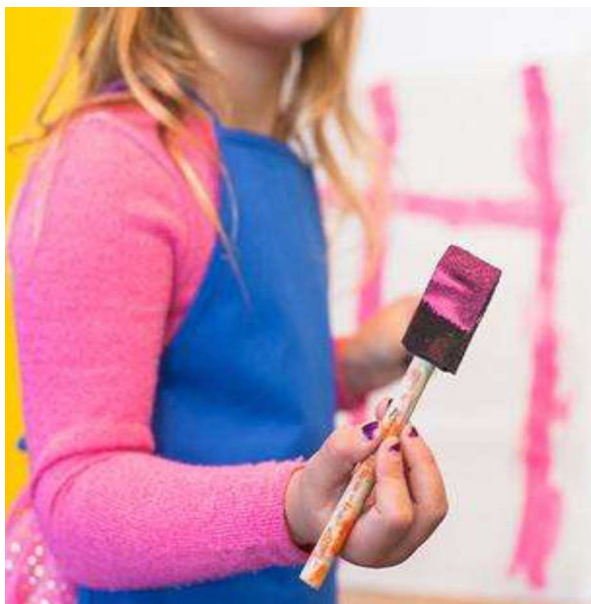
**Making Pizzas** – Making your own pizza is so much fun! How many ways can you divide your pizza? Think fractions –  $\frac{1}{2}$ ,  $\frac{1}{4}$  and even  $\frac{1}{8}$ . Who gets the most slices? Are  $\frac{3}{8}$  greater than  $\frac{1}{4}$ ? It doesn't have to be pizza – you could use cakes, biscuits or sweets instead.

**Have a family picnic** - Lay out a rug and share out the food. If you try to share the food equally, how many will each of you get? Are there any left over?

**Play dough** – Make your own play dough. How much of each ingredient do you need to make the perfect dough? Measure out carefully! Use the dough to make different shapes, family characters, or whatever you fancy.

**Supermarket Shopping** – Help your adult to put the shopping away. Which are the heavier items? How many items are there and which countries do they come from? Tick them off on the receipt - that would be helpful! You could even look through the receipt to check the price of everything tallies.

**Junk Building** – Recycle and reuse all those old boxes and bottles and make anything you want from them – rockets, robots and vehicles work well but you can be as creative as you like.



*“There are so many board games that involve maths – it’s hard to think of one that doesn’t.”*

## Around the House

**Clothes recycle** – Pick out some old clothes and change them into something new. You could use sewing kits, scissors and decorating items. Why not turn old jeans into funky shorts, skirts into tops or old shirts into waistcoats?

**Telling the time** – Check the time with your adult when you wake up. How long is it until breakfast? If it's half an hour until dinner, what time will dinner be? If you got up at 8am, how long have you been up for?

**Board games** – Games are fun and you can learn at the same time. Games with dice really help you to count. In fact, there are so many games that involve maths – it's hard to think of one that doesn't. In Monopoly you'll count money, Scrabble will help your spelling and Cluedo will support your thinking skills. Why not play one today?

**Indoor Olympics** – Make events or a tournament for all the family to join in. Have lots of different challenges to test their skills: target games, race against the clock, memory challenges or indoor skittles are just some ideas!