

Everyday Maths



Every day we come into contact with maths. Numbers, adding, subtracting, multiplying, dividing, patterns, relationships, shapes, angles, weights, lengths, time, directions estimating, fractions, percentages, etc.

The situations where maths actually happens are everywhere. At home, at work, at the shops; in fact pretty much anywhere we go.

The aim of this leaflet is to offer some ideas and resources that may make the exploring, practicing and learning of maths easier, active, relevant and more fun than you may have thought.

The suggestions below are meant as a starting point and we know that you will have many more excellent ideas about how we can use and improve our maths, every day. We would really appreciate if you could share these ideas (and your expertise...) with us, so that we can pass them on to everyone in our school community.

Work

- Share how maths is used at your work.
- Think about how other people use maths at their work - engineers, cleaners, joiners, retailers, farmers, electricians, chefs, taxi drivers, pilots, office workers, sales people, etc.



Home

- Cooking and baking - temperatures, weights, times.
- Planning a meal - decide, budget, shop, cook, deliver on time, etc.
- Telling the time using digital and analogue clocks.
- Planning the TV schedule for an evening - when, programme lengths.
- Planning a holiday - researching holidays, finding information in tables and charts, budgeting, scheduling day trips, checking travel times, etc.
- DIY - measuring, drawing plans, buying materials, problem solving (how to put that shelf up), etc.
- Sorting and Organising - toys, games, ornaments, clothes, etc. Chat about the different ways they could be sorted. Why?
- Finance - budgeting, income, outgoings and banking.
- Household Tasks - most efficient ways of doing things, sharing tasks out equally, timetabling (days, what times, who), timing to do a task, etc.
- Online shopping - how to use online shopping sites, looking at delivery times and costs, security of different sites and payment methods, comparing prices, etc.



Out & About

- Shopping - using a budget, calculating how much the shopping will come to (from a couple of items to estimating the whole trolley full - closest wins!), calculating change, savings in the sales, etc.
- Journeys - how long will it take to get there, how much will it cost, how far will we travel?
- Travel Games - how many red cars vs blue cars, quick questions (3×5 ? $54 + 54$? Corners on a pentagon?), estimate how long your journey will take and time it, spot the shape, times tables, etc.
- Day out (cinema, park, picnic, walking) - budgeting, planning, booking, timetables, using money, discounts available, etc.
- Outdoors - shape hunter (photograph them), estimating & calculating (sheep, leaves, sticks, how far, how long), measuring (strides, hands, cm, metres, km, miles, perimeters, areas), map reading, using a compass, giving and following directions, building an igloo, working out the height of a tree, pattern detective, temperatures, how to estimate wind speeds, etc.
- On Holiday - currency calculations, time differences, budgeting, reading timetables, temperatures, travel times, shopping, etc.



Games

- Monopoly, chess, Mancala, Four in a Row, Ludo, Snakes & Ladders, Cluedo, card games, darts, pool, snooker, Dominoes, dice, Top Trumps, Bingo, jigsaws, Countdown, etc.



Websites

(These are ones that we have come across and used, but there are many, many more...)

- Primaryhomeworkhelp.co.uk
- Topmarks
- Nrich.maths
- Khan Academy
- Mathsisfun
- Mathletics
- Coolmath4kids.com
- Mathplayground
- BBC Schools or BBC Bitesize
- Coolmath.com
- Kidsites.com
- Aplusmath.com
- Aaamath.com
- Uk.ixl.com
- Topicbox
- Familylearning.org.uk



Apps

(Some free, some paid. Please be aware that some may have in-app purchases, so please check the parental controls on your device.)

- Khan Academy
- Math Bingo
- Squeebles multiplication and Squeebles Times Tables 2
- Mr Thorne's - range of different apps
- Let's Do Mental Maths
- Operation Math
- Mathboard
- Mathletics
- Medieval Math Battle
- Blackboard Madness. Math
- Monster Math

