

Real life links:

Number - Play board games like Monopoly and Payday. Play card games that require and practise mental agility like cribbage. Play darts and snooker: excellent for mental manipulation of number.

Telephone Challenge: Use the phone directory. How many numbers can they find that add up to a given number in 10 minutes? Can they beat their score the next day? How many different totals can they find?

Money - When shopping look at multi-packs. How much does each can of coke cost? Is it cheaper to buy a multi-pack or separate cans? What's the difference in cost? Investigate other 'special offers'. Plan and cater for a meal. Calculate quantities, costing etc.

Time - Reinforce telling the time both analogue and digital. What TV programmes have they watched? What time did they start/finish? How long did each one last? How long have they spent in total watching TV? On a calendar circle family/friends birthdays and other special occasions or appointments. How long is it between specific events? In days, weeks etc.

Gardening - Allocate a plot with a given perimeter. Allow the children to plan and design their plot. Draw a plan. What are they going to grow? How much space will it take up?

Measures - Envelope challenge. Find a selection of different sized envelopes. Estimate the area and perimeter then measure accurately. How close were their estimates?

Shape - 'Angle Hunt' - How many right angles (90°) can they find in a particular room? How many acute angles (less than 90°) can they find? How many obtuse angles (more than 90°) can they find? Score 1 point for a right angle, 2 points for an acute angle and 3 points for an obtuse angle. Look for irregular shapes in the environment, like arrows. What shapes are they? Look at gates. How many different triangles/quadrilaterals are there in a single gate?

Interact with your child as much as possible.
Exploit opportunities to engage your child in conversation. Ask questions and encourage your child to ask questions and take an interest in the world around them.



Useful Websites

www.bbc.co.uk/schools/parents - has links to a range of games and activities designed to support learning in mathematics and develop a positive attitude towards learning.

www.counton.org.uk - online Sudoku, games including fractions, ordering numbers, mental arithmetic and number crosswords.

www.funbrain.com - American based website with fun games on a wide variety of mathematical themes with different levels of challenge.

www.murderousmaths.co.uk - fun activities, puzzles and mathematical tricks to amaze family and friends together with facts for the curious learner.

www.nrich.maths.org.uk - more challenging games for the very keen mathematician

Home Learning

Parents in Partnership



Mathematics Year 5

