

Real life links:

Number – Play board games like Monopoly that involve counting, money, addition and subtraction. Play card games that require and practise mental agility like pontoon (21) and Newmarket. Play darts; excellent for mental manipulation of number. Play bingo. Adapt bingo to include different maths concepts like times tables. Call out the table and have the multiples on the bingo cards.

Cooking – Can children estimate different measures? Follow recipes. How much do the ingredients cost? If cooking small cakes or biscuits how much does each one cost? Have a charity sale. What will achieve the biggest profit?

Travel – Look at road signs when travelling. How far have you travelled between each one? How far have you travelled so far? Estimate distances when walking. Use a pedometer.

Gardening – Plant and grow different fruit and vegetables. Measure and weigh them. Which is the shortest/longest? Which is the lightest/heaviest? Place them in order. Challenge friends/relatives to a growing competition.

Money – Use a catalogue or go shopping. How many different stationary items can be bought for £1.00/£5.00/£10.00? Give a 'fictitious' budget of £50 what different combinations of items can be bought? How much money would be left?

Time – Reinforce telling the time. What times of the day do people do different things? How long do people spend on each activity? Calculate how total amount of time different types of programmes are on for on each channel e.g. news, quiz programmes. Is there a balance?

Shape – Play 'Shape Treasure Hunt'. How many objects can be found in a particular room of different shapes? Award point values for each shape according to number of sides. (Use a digital camera if you're lucky enough to have one or draw the shape and where it was). Find irregular shapes too? Repeat with 3-D solids. Award points according to the number of faces.

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 4

