

### Real life links

**Number /Problem Solving** - Plan and cost a celebration within a given budget .Essentials? How many people can you cater for?  
Redesign a bedroom for a specific person e.g. someone younger, someone with an impairment. Base the room on current bedroom. Look at dimensions of furniture in a catalogue. What will fit? Calculate cost and draw a plan. (Could be given a budget)  
**Cooking** - Look at different recipes and calculate the quantities needed if you had twice as many people, half as many people, one more person, one less etc.  
**Travel** - Read maps. Work out distances using scale. Using a pedometer calculate distance walked in a day. Estimate the distance walked in a week, month, year.  
**Money/Travel** -Using different holiday brochures calculate how much it would cost for a holiday to different locations. Do different companies offer the same holiday? Which is cheaper? How much would it cost for families of different sizes? Look at foreign exchange.  
**Time** - Look at the time in different countries around the world (where you've been on holiday, where you'd like to go, where you have friends/relatives.) What time is it there? How many hours difference is there between the UK and the chosen country.  
**Handling Data** - Grow cress seeds and measure their height each day in mm. Record the measurements in a table and then draw a graph to display the information. Choose 5 companies on the stock exchange. Monitor their share prices over a week. Draw a line graph to show fluctuation. Which share performed best? Which was worst? Look for graphs and charts in newspapers and magazines and ask children questions about them. Work out averages from sports results.  
**Shape** - Describe shapes around the house using measurements and mathematical language, e.g. It is a cuboid. It has a rectangle at the front. It has circular controls along the bottom. Score 5 points if guessed accurately on first clue, 4 points on second and so on. Include approximate measurements of length and mass.

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/](http://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](http://www.counton.org.uk) - online Sudoku, games including fractions, ordering numbers, mental arithmetic and number crosswords.  
[www.funbrain.com](http://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](http://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](http://www.nrich.maths.org.uk)- more challenging games for the very keen mathematician

# Home Learning

## Parents in Partnership



# Mathematics

## Year 6

