



## Supporting your child's learning in Mathematics

### Year 5

#### Ideas for helping your child to develop their **mathematical understanding**:

- Make sure your child is **absolutely confident** with the recall facts they need to know.
  - All times tables to 12 x 12
  - Division facts for all tables.
  - Children should be able to recall these without having to think about them. Continued daily practice is valuable because it helps maintain speed. This is a skill that is lost over time without practice.
- Encourage calculations in real-life situations:
  - How much will our shopping cost? Going around the supermarket can they mentally add up the cost (use rounding to the nearest pound). How close are they at the checkout?
  - How do you work out the cost of your holiday? How much will a day out cost? Get them to investigate for you e.g. train tickets, entrance to attraction, budget for lunch etc.
  - Can they work out which purchase represents the best value e.g. cans of coke, washing powder, 2 for 3 etc. These often have special offers meaning they are difficult to compare. In this case they might use a calculator on a phone to work out.
  - Can they work out the new price on offers where there is 25% off etc.
  - How much more do you actually get if you get 50% extra?
  - Football tables/cricket leagues etc contain lots of maths.
  - Talk about what the language of statistics actually means – the same information is often presented in different ways. It's not always clear as to what the truth is.
- Talk about the way we use maths every day:
  - Does your child see you using cash? Or do you always had over a card? Talk to your child about how debit cards work. Many financial transactions are 'invisible' to children. Help them see how the world of money works.
  - Does your child understand the difference between credit cards and debit cards? Do they know what interest is?
- Useful websites – lots of games!
  - [www.ictgames.com](http://www.ictgames.com)
  - <http://uk.ixl.com/math/years>
  - <http://www.schooljotter.com/showpage.php?id=68516>
  - [www.bbc.co.uk/schools/ks2bitesize/](http://www.bbc.co.uk/schools/ks2bitesize/)
  - <http://www.offbyheart.co.uk/maths>
  - [www.nrich.maths.org](http://www.nrich.maths.org)

For clear explanations of formal written calculations – [www.bbc.co.uk/skillswise](http://www.bbc.co.uk/skillswise)

This is a website for adults that gives good explanations of maths and English skills (good for complex punctuation and grammar as well as maths)