



## Supporting your child's learning in Mathematics

### Year 4

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

- Encourage counting to higher numbers – up to and beyond 10000
  - Look for ways to practise ordering numbers four and five digit numbers;
  - Practise counting in multiples of 2,3,4,5,6,7,8,9,10, 25, 50,100, 1000
  - Count coins e.g. sets of 10ps, 2ps, 5ps 50ps etc.
  - Playing Monopoly, Game of Life, and other games needing money.
- Encourage calculations in real-life situations:
  - How much will our shopping cost? Start with 2 items and build from there. Can you total as we go round the supermarket? How close are you to the real total at the end?
  - I need 500g butter – is there enough in these two packets?
  - How do you work out the cost of your holiday?
  - How much milk do we drink in a week?
  - Practise, practise, practise times tables and their division facts. Is there one that is hard to remember e.g.  $8 \times 7 = 56$ ? Ask at all times of the day and night!
  - Think of silly/special ways to remember tricky tables facts (I ate and ate til I was sick on the floor  $8 \times 8 = 64$ ). **Children should know all their tables to 12x12 at speed by the end of Year 4.**
  - Football tables/cricket leagues etc involve lots of maths!
- Talk about the measures we use every day:
  - Give time durations in different units e.g. It's 5 minutes until bed time/it's 300 seconds until bedtime etc. We're going to Granny's in 48 hours.
  - Begin to look at imperial measures in everyday life – how do they compare to metric? When do we use miles, when do we use km?
  - What type of clocks are around your house – some homes have very few analogue clocks. Does your child have the chance to practise using these? Can they say a time in 12 and 24hr clock?
  - Has your child got a watch? Make them your timekeeper!
  - 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.
  - Encourage your child to save up for something they want, and get them to record how they are getting on. Give them unusual amounts to add to the pot to make it more challenging i.e. Here's 22p towards your scooter/dinosaur book/new shoes. Let's add it to your total.
  - Think about how many days there are until the end of the month; the end of next month; the end of the year; Christmas; birthdays etc.
- Useful websites – lots of games!
  - [www.ictgames.com](http://www.ictgames.com)
  - <http://uk.ixl.com/math/years>
  - <http://primarygamesarena.com/Key-Stage-2>
  - <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>