



Maths: what will your child learn in year 4?

Number and Place Value:

- Counting in steps of 6, 7, 9, 25 and 1000
- Recognising place value of each digit in a four-digit number
- Counting backwards through zero to include negative numbers
- Rounding any number to the nearest 10, 100 or 1000

Calculating:

- Adding and subtracting with numbers up to four digits using column addition and subtraction
- Knowing multiplication facts for all times tables up to 12 x 12
- Multiplying three-digit numbers by one-digit numbers
- Calculating with amounts of money

Fractions and decimals:

- Finding fractions of quantities (for example: $\frac{2}{6}$ of 48)
- Understanding equivalence between fractions and decimals
- Dividing one-digit and two-digit numbers by 10 and 100
- Rounding decimals with one decimal place to the nearest whole number

Measurement:

- Converting between units of measurement
- Working out the perimeter and area of shapes
- Telling and writing the time using the 12-hour and 24-hour clock
- Solving problems involving converting between units of time

Geometry:

- Classifying different types of triangles and quadrilaterals
- Recognising acute and obtuse angles
- Identifying lines of symmetry in 2D shapes
- Plotting coordinates in the first quadrant
- Translating shapes up/down and left/right

Statistics:

- Interpreting and presenting data in bar charts and line graphs
- Solving comparison, sum and difference problems using information presented in bar charts, pictograms and tables



Maths at home:

- Times tables – By June, all children in year 4 need to know all of their times tables up to 12 x 12. Display a times tables poster on the fridge, chant the times tables on the way to school, practise online using games on timestables.co.uk or [hit the button](#)
- If your child gets pocket money, encourage them to work out how much they can save after 2, 3, 4 weeks etc. Ask them how many weeks before they save enough for an item they want to buy
- When following a recipe, encourage children to work out the weights and measurements for half / double the recipe
- Ask your child to check a receipt by adding up all of the items and checking the total, or starting with the total and finding out how much it would have been without the carrots etc
- Time – practise telling the time through daily activities; when you leave the house, when it will be time to eat etc. Talk about time in terms of 12 hour and 24 hour clocks

SHOPCO		
Item	Q	Cost
Granary Bread	1	£0.89
Semi-Skimmed Milk 1L	1	£0.76
Sweet Chilli Humus 250g	1	£1.35
Ryvita Crispbread	1	£0.99
Galaxy Cookie Crumble	2	£1.58
Innocent Smoothie 450ML	4	£4.76
Halloween treat multipack	3	£7.50
John West tuna (4x72g)	1	£3.81
Total		
Payment	Cash:	£25.00
Change		
12/10/2015		5.14pm