TV addicts

Ask your child to keep a record of how long he / she watches TV each day for a week. Then ask him / her to do this.

- Work out the total watching time for the week.
- Work out the average watching time for a day (that is, the total time divided by 7).

Instead of watching TV, you could ask them to keep a record of time spent eating meals, or playing outdoors, or anything else they do each day. Then work out the daily average.

Four in a line

Draw a 6 x 7 grid.
Fill it with numbers under 100.

26	54	47	21	19	5	38
9	25	67	56	31	49	13
39	41	6	1	75	28	90
14	50	81	23	43	4	37
45	29	72	34	7	58	17
36	2	55	11	22	40	42

- Take turns.
- Roll three dice, or roll one dice three times.
- Use all three numbers to make a number on the grid.
- You can add, subtract, multiply or divide the numbers, e.g. if you roll 3, 4 and 5, you could make 3 x 4 – 5 = 7, 54 ÷ 3 = 18, (4 + 5) x 3 = 27, and so on.
- Cover the number you make with a coin or counter.
- The first to get four of their counters in a straight line wins.

Rhymes

Make up rhymes together to help your child to remember the harder times-tables facts, e.g.
6 x 7 = 42 phew! 7 x 7 = 49 fine! 6 x 8 = 48 great!

Helping Your Child to Hit Their Maths Target



NEWTON PRIMARY SCHOOL

Year 6

Year 6

By the end of Year 6 the children should be able to…

- Read, write and compare numbers to 1 million and numbers to 3 decimal places
- Know all multiplication tables to 10 x 10, especially for division, e.g. 63 ÷ 7 = 9, and quickly work out remainders, e.g. 47 ÷ 5 = 9 r 2
- Multiply and divide decimals by 10 or 100 in their heads, e.g. 2.61 x 10, 53.2 ÷ 100
- Use pencil and paper to add and subtract whole and decimal numbers, e.g. 3.91 + 8.04 + 24.56, or 13.3 – 1.27
- Use pencil and paper to multiply and divide whole and decimal numbers, e.g. 387 x 46, 21.5 x 7, 539 ÷ 13, 307.6 ÷ 4
- Understanding simple fraction, decimal and percentage equivalences, e.g. 1/10 is the same as 0.1 and 10%
- Work out the perimeter and area of simple shapes that can be split into rectangles, e.g. 
- Use co-ordinates to plot the position of points
- Understand and use information in lists, graphs, charts and tables
- Read and interpret scales or divisions on a range of measuring instruments
- Read and interpret scales on a range of measuring instruments, record measurements in different ways, e.g. 1.3kg = 1kg 300g
- Use 12 and 24 hour clock and find the length of different activities
- Calculate temperature differences, including those involving temperature rise and fall across 0°C
- Solve word problems and explain their methods

About the targets

These targets show some of the things your child should be able to do by the end of year 6. Please be aware that in line with the requirements of the new curriculum your child is taught at their stage of learning, which is based on their individual need.

Some targets may be more complex than they seem, e.g. children may know how to work out sums on paper but need to see when it is quicker to work them out in their heads.

Fun activities to do at home

Favourite food

- Ask your child the cost of a favourite item of food.
  Ask them to work out what 7 of them would cost, or 8, or 9.
  How much change would there be from £50?
- Repeat with his / her least favourite food.
  What is the difference in cost between the two?

Sale of the century

- When you go shopping, or see a shop with a sale on, ask your child to work out what some items would cost with:
  50% off
  25% off
  10% off
  5% off
- Ask your child to explain how she worked it out.