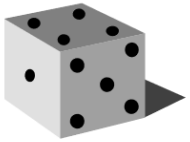
Number game 3



Use three dice.
If you have only one dice, roll it 3 times.

- Make three-digit numbers, e.g. if you roll 2, 4 and 6, you could make 246, 264, 426, 462, 624 and 642.
- Ask your child to round the three-digit number to the nearest multiple of 10. Check whether it is correct, e.g.
  76 to the nearest multiple of 10 is 80.
  134 to the nearest multiple of 10 is 130.
  (A number ending in a **5** always **rounds up**.)
- Roll again. This time round three-digit numbers to the nearest 100.

Tables

Practise the 3x, 4x and 5x tables. Say them forwards and backwards.
Ask your child questions like:

What are five threes?	What is 15 divided by 5?
Seven times three?	How many threes in 21?

$8 \times 3 = 24$ $24 \div 3 = 8$

Measuring

Use a tape measure that shows centimetres.

- Take turns measuring lengths of different objects, e.g. the length of a sofa, the width of a table, the length of the bath, the height of a door.
- Record the measurement in centimetres, or metres and centimetres if it is more than a metre, e.g. if the bath is 165 cm long, you could say it is 1m 65cm (or 1.65m).
- Write all the measurements in order.

Helping Your Child to Hit Their Maths Target



NEWTON PRIMARY SCHOOL

Year 4

Year 4

By the end of Year 4 the children should be able to…

- Read, write and compare numbers to 10 000
- Know the 2, 3, 4, 5, 6 and 10 times tables by heart, e.g. know facts like 7 x 5 and 36 ÷ 4
- Work out sums like 234 + 479 or 791 – 223 using pencil and paper and writing them in columns.
- Multiply numbers like 38 by 10 or by 100, and divide numbers like 4200 by 10 or by 100.
- Multiply and divide numbers up to 100 by 2, 3, 4 or 5, and find remainders, e.g. 36 x 3, 87 ÷ 4.
- Find fractional quantities using known table facts, e.g. 1⁄6 of 30cm
- Recognise fractions that are several parts of a whole, e.g. 2⁄3 , 3⁄10
- Measure and calculate the perimeter of squares and rectangles
- Measure on a ruler to the nearest mm and record using a mix of units, e.g. 1cm 3mm
- Use weighing scales with divisions to weigh objects to the nearest 5g, 10g, 25g or 100g
- Measure capacities to the nearest 50ml or 100ml
- Tell the time to the nearest minute on analogue clocks
- Read hours and minutes on a 24-hour digital clock
- Take temperature readings using thermometers and interpret readings above and below 0°C
- Use eight compass points to describe direction
- Understand and use information in lists, graphs, charts and tables.
- Solve word problems and explain their method

About the targets

These targets show some of the things your child should be able to do by the end of the year 4. 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

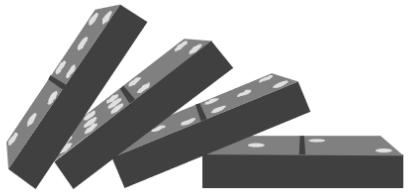
Number game 1

You need about 20 counters or coins.

- Take turns. Roll two dice to make a two-digit number, e.g. if you roll a 4 and 1, this could be 41 or 14.
- Add these two numbers in your head. If you are right, you win a counter. Tell your partner how you worked out the sum.
- The first to get 10 counters wins.

Now try subtracting the smaller number from the larger one.

Number game 2



- Put some dominoes face down.
- Shuffle them.
- Each choose a domino.
- Multiply the two numbers on your domino.
- Whoever has the biggest answer keeps the two dominoes.
- The winner is the person with the most dominoes when they have all been used.