Can you tell the time?

Whenever possible, ask your child to tell you the time to the nearest 5 minutes. Use a clock with hands as well as a digital watch or clock. Also ask:

- What time will it be one hour from now?
- What time was it one hour ago?

Time your child doing various tasks, e.g.

- getting ready for school;
- tidying a bedroom;
- saying the 5 times, 10 times or 2 times table…

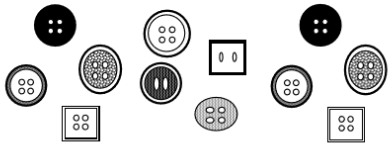
Ask your child to guess in advance how long they think an activity will take. Can they beat their time when they repeat it?

Fractions

Use 12 buttons, or paper clips or dried beans or…

- Ask your child to find **half** of the 12 things.
- Now find one **quarter** of the same group.
- Find one **third** of the whole group.

Repeat with other numbers.



Order, order!

- Each of you should draw 6 circles in a row.
- Take turns.
- Roll two dice and make a two-digit number (see Number games).
- Write the number in one of your circles. Once the number is written in a circle you cannot change it or move it!
- The first to get all six of their circle numbers in order wins.

Helping Your Child to Hit Their Maths Target



NEWTON PRIMARY SCHOOL

Year 3

Year 3

By the end of Year 3 the children should be able to…

- Read, write and compare numbers up to 1000 and put them in order.
- Know what each digit is worth in a 4 digit number, e.g. in 2497 the 2 is 2000, the 4 is 400, the 9 is 90 and the 7 is 7.
- Recall number bonds to 10
- Count on or back in tens or hundreds from any number
- under 1000, e.g. 462, 472, 482… or 462, 562, 662…
- Recall numbers bonds to 10 and 20.
- Know by heart the 2, 3, 4, 5 and 10 times tables.
- Use partitioning to double and halve 2 digit numbers
- Do simple divisions, such as 27 ÷ 5.
- Find simple fractions, such as 1/2, 1/3, 1/4, 1/5, 1/10, of shapes and numbers.
- Recognise that perimeter is the distance
- around a shape and find areas by counting squares
- Use standard units to measure length, weight and capacity
- Tell the time to the nearest 5 minutes on an analogue clock and calculate how long it is to the next hour and read hours and minutes on a 12-hour digital clock using am/pm conventions
- Take temperature readings using thermometers and interpret readings above and below 0°C
- Use the four 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

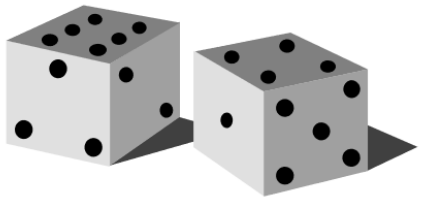
These targets show some of the things your child should be able to do by the end of the year 3. Please be aware that in line with the requirements of the new curriculum your child is taught at their stage of learning, which is based on their individual need.

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 games

Roll two dice. Make two-digit numbers, e.g. if you roll a 6 and 4, this could be 64 or 46. If you haven't got two dice, roll one dice twice. Ask your child to do one or more of the activities below.



- Count on or back from each number in tens.
- Add 19 to each number in their head. (A quick way is to add 20 then take away 1.)
- Subtract 9 from each number. (A quick way is to take away 10 then add back one.)
- Double each number.