

Please take the time to encourage your child to do maths in the real world. Draw their attention to numbers and patterns around them in everyday life, indoors and outside. Help them to develop a positive and confident approach to maths.

Secret sums

- Ask your child to say a number e.g. 43
- Secretly do something to it e.g. subtract 30. Say your answer e.g. 13.
- The child then says another number to you, e.g. 61.
- Do the same to that number and say the answer.
- The child has to guess what you are doing to the number each time!
- Then they can have a turn at secretly subtracting something to each number that you say to them.

Cupboard maths

Ask your child to look at the weights printed on jars, tins and packets in the food cupboard e.g.

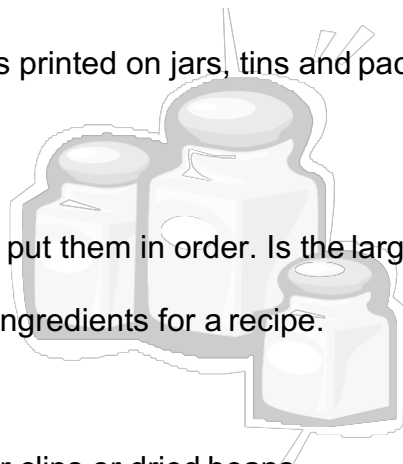
Tinned tuna 185g

Tinned tomatoes 400g

Jam 454g

Choose six items. Ask your child to put them in order. Is the largest item the heaviest?

Encourage your child to weigh out ingredients for a recipe.

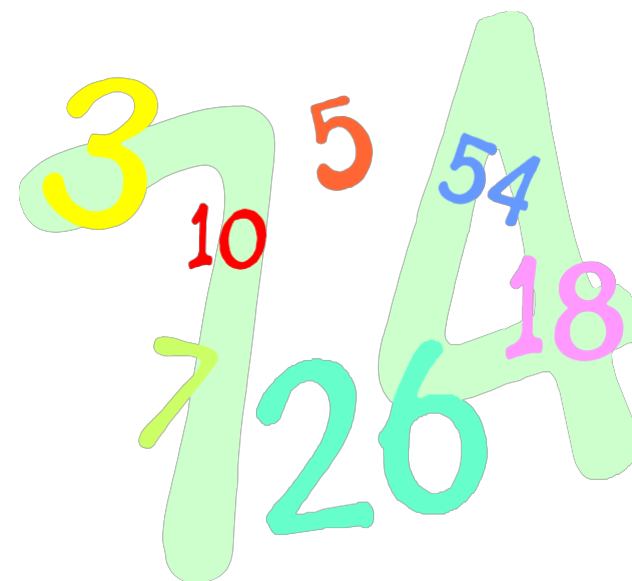


Fractions

Use, for example, 12 buttons, paper clips or dried beans.

- 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.



Year 3

Fun maths activities to do at home

A booklet for parents
Bisley & Oakridge
Schools

Bingo!

One person has, for example, the 2X table and the other has the 3X table (choose different tables to practise with). Write six numbers in that table on your piece of paper,

4 8 10 16 18 20

- Roll one or two dice. If you choose to roll two dice, add the numbers together.
- Multiply that number by your times table number e.g. 2 or 3.
- If the answer is on your paper, cross it out.
- The first to cross out all six of their numbers is the winner.

Board games

For these games you need to draw a hundred number square with 1 to 10 across the top.

- Start on 1. Toss a coin. If it lands heads, move 1 place along. If it lands tails, add 10, saying the total correctly before moving. The first person to reach the bottom row wins.
- Start anywhere on the board. Roll a dice. Even numbers move you forwards and odd numbers move you backwards.
- The first person to reach either the top or bottom of the board wins.



Number games

Roll two dice. Make two-digit numbers, e.g. if you roll a 6 and a 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.

Make 20

For this game you need to write out numbers 0 to 20 on a piece of paper. Make them big enough to put counters or coins on.



- Take turns. Roll a dice. Put a coin on the number that goes with the dice number to make 20, e.g. throw a 4 and put a coin on 16.
- If someone else's counter is there already, replace it with yours!
- The first person to have counters on 6 different numbers wins.
- Now roll two dice, add the numbers together and look for a number to make 20. The first with coins on 10 different numbers wins.

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 in 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, 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?

Please encourage your child to play games and board games which involve counting and numbers.



