

Helping your child at home

Year 3 suggested activities

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.

Fractions

- Use 12 buttons or paper clips.
- 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.

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?

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.

Bingo!

- One person has the 2x table and the other has the 5x table.
- Write six numbers in a table on your piece of paper.☐
- Roll one or two dice. If you choose to roll two dice, add the numbers, e.g. roll two dice, get 3 and 4, add these to make 7.
- Multiply that number by 2 or by 5 (that is, by your table number, e.g. 7×2 or 7×5).
- ☐If the answer is on your paper, cross it out.
- The first to cross out all six of their numbers wins.

Secret sums

- Ask your child to say a number, e.g. 43.
- Secretly do something to it (e.g. add 30). Say the answer, e.g. 73.
- 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 adding or 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?

Useful Websites

www.primarygames.com/curriculum/math.htm

www.primarygames.co.uk/

www.bbc.co.uk/wales/snapdragon/yesflash/time-1.htm

www.bbc.co.uk/education/dynamo/den/snap/index.htm

www.woodlands-junior.kent.sch.uk/maths/

www.mymaths.co.uk – children all have their individual login

www.crickweb.co.uk/ks2numeracy.html