



How to help your child develop with mathematics at home

Number

Play board games that involve counting and opportunities for addition and subtraction. Other games, such as dominoes, can help your child count and match numbers, look at patterns and also reinforce doubling and halving.

Roll 2 dice to record the numbers and then state which is greater/less than e.g. 6 and 4 would be $6 > 4$.

Roll the dice and count on forward/back from each number in tens. Double each number, or the combined number. Can your child add the 2 numbers together, then say how many more they would need to make 20?

Play 'Guess my number'. Ask your child for a 2-digit number (e.g. 43) and then do something to it (e.g. add 30) and say what the answer is (in this case 73). Your child must say what was added to their number.

Fractions

Use items such as buttons/paper clips and ask your child to find half, a quarter, a third of the amount.

Measures



Involve your child in cooking. During this activity, there is the opportunity to look at the numbers on scales and measuring jugs. You can encourage your child to estimate measurements and then help them to measure correctly, whilst at the same time



discussing the consequences of inaccurate measurement.

Choose six items from the cupboard and look at the weight. Can your child put them in order? Then discuss if the largest item is the heaviest, etc



Shape

Can your child sort packets and tins according to a given criteria, e.g. do they have a circular face/ 12 edges.

Time



Whenever possible, ask your child to tell you the time (quarter past/half past/ quarter to).

Can they also tell you the time to the nearest 5 minutes?



Can they write down the digital equivalent when reading an analogue clock, and vice-versa?

Ask questions, such as :-

'What time will it be in one hour from now?'

'What time was it an hour ago?'



Money

Tip out the change in your purse/wallet and ask your child to count it.

Help your child think about how much change they should receive when they go shopping.

If you have been shopping at the supermarket, choose 6 things less than £1. Record these amounts and ask your child to order them from the cheapest to the most expensive. Which prices are an odd number/even number? Which coins would they need to pay exactly for each item? Can they add two amounts together and then work out how much change they would get back from £1/£2/£5?

If your child has regular pocket money, talk about how long they would have to save for a certain item/how much more money would they need, etc

