

# Year 2 Maths

The children now need to have a secure knowledge of their 2, 5 and 10 times tables, but they could also starting learning to count in 3s too. They must be able to explain their knowledge using sentences like 'Four lots of two is eight, five lots of two is ten' and so on, and should eventually learn these facts off by heart. Children should also recognise the relationship between multiplication and division and understand that one is the inverse of the other. Number arrays  can help develop this understanding. Quick recall of doubles and halves is an incredibly useful skill too and one that children should be able to relate to multiplication and division.

## Activities & Games!

★ Whenever your child is counting out objects at home (e.g. when laying out cutlery on the table, or picking up toys in their bedroom), encourage them to count the objects in groups of 2 or 5.

★ Matching pairs game. Choose a times table (2, 3, 5 or 10) and write multiplication or division questions (e.g.  $2 \times 3$  or  $10 \div 5$ ) on some cards and the answers on others. Play a matching pairs game.

★★★ Secret number. Play the multiplication version of this game.

★★ I can make this number array for the number 12:  and write these number sentences about it:  $3 \times 4 = 12$ ,  $4 \times 3 = 12$ ;  $12 \div 3 = 4$ ;  $12 \div 4 = 3$ . What other array could I draw for the number 12? What number sentences can I write about it? Can you draw some number arrays for other numbers, e.g. 15, 21, 24 and so on?

★★ Can you write these addition sentence as multiplications?

$$2+2+2+2 \quad 5+5+5 \quad 10+10+10+10$$

Explain to an adult how you did it.

★ Fill up pots with either 2p, 5p or 10p coins and get your child to count up how much money there is in each one.

★ Practise counting up in 2s or 5s from 0, or in 10s from any number, and use different silly voices for odd and even numbers. What patterns do you notice?

★★★ Give your child 4 different digits at random (e.g. 0, 4, 7 and 9). How many different numbers can you make that are in the 2 times table? What about the 5 or the 10 times table? Can you make a number that is in both the 2 and the 5 times table? Can you make an even number in the 2 or the 5 times table? Can you make an odd number in one of the times tables? What's the biggest number in the 2 times table you can make with these cards? What's the smallest number in the 5 times table? Can you make a number in the 5 times table that is between 30 and 50?

## Going deeper...

Frances and Rishi were given a bag of lollies. They shared them out evenly and had one left over.

Just as they had finished sharing them, their friends Kishan, Hayley and Paul came along. They wanted some lollies too so the children shared them out again between all of them. This time they had two lollies left over.

**How many lollies could there have been in the bag?**

## My Maths

Use our school log in (Username: **coleridge1**, Password: **success74**) and then your own log in details to access activities related to this topic on the MyMaths website.

You can also have a look to see if there are some other fun games you would like to play!

Hit the Button

Number fact families

Beatbox times tables

Dot to Dot (2s)

Dot to Dot (5s and 10s)

Camel Times Tables

Whack a Mole

Saucer Sorter

Octopus Game

Fishy Twos

Twos Fives Tens Threes

## Wonderful websites