

Marvellous Maths

Year 1:

This week we would like you to focus on number activities. By the end of Year 1 we would like your child to be able to count in multiples of 2s, 5s and 10s.



1. Ask your child to find 20 single socks, shoes or any other objects that usually come in pairs. They could find 10 soft toys if all of them have 2 eyes! Ask your child to count the objects, then ask them to match them into their pairs. Put the objects in a line leaving a gap between each pair. Ask your child to count the first 2 objects and write a 2 underneath on a bit of paper. Then count on the next 2 objects and ask your child to write a number 4 underneath, continue with this until all objects have been counted and the numbers go up in 2s to 20. Practice counting in 2s forwards and backwards using the number cards as a prompt.
2. Using the number cards from yesterday, ask your child if they can put them in order. If they find it hard whisper the number in between so you would whisper 1 then say 2 loudly, whisper 3, say 4 loudly etc. Once you have the counting in 2s number line, practice counting forwards and backwards as yesterday. Ask your child if they can see any patterns. Draw out from them that the numbers are all even and end in 0, 2, 4, 6 or 8. Ask your child to close their eyes while you (or their toy) removes a card. Can they tell you which one is missing? Can your child count beyond 20 using the pattern discussed earlier?
3. Play number magician— ask your child to put the 2s number cards in order (extend up to 30 if they're getting more confident), then turn them all face down. Tell your child you're a number magician with x-ray eyes and touch a card, telling them (correctly) it's number 6 — can they tell you why you're right? Turn the card over to show you're right and leave it face up. Repeat with another card—say number 10. Can they say if you're right and why? Turn it face up. Touch a higher card and say the wrong number. Can your child spot your mistake and guess the correct card? Let them have a go at being the number magician a few times. Guess the rest of the cards and turn them face up. Practise counting in twos, forwards and backwards, then gradually turn either one or two cards at a time, whilst still counting, until your child can count in twos including the face-down cards.
4. Extend your 2s counting to go up to 50, and then backwards too. Can your child collect 25 pairs of socks in your house—they may have to borrow some off other members of your family! Ask them to make their 2s numberline by starting off with the smallest pairs of socks and working up to the biggest socks, and then numbering them with their number cards—they will have to make some more all by themselves! Tell them to make sure their numbers are the right way round, otherwise Miss Burrough will growl at them! Did they notice that the numbers get bigger as the socks get bigger? Have a look at the BBC Bitesize lesson on 'Counting in 2s' <https://www.bbc.co.uk/bitesize/articles/zkqv382> There are two videos to watch and two activities to complete.
5. Hold up a random card from your 2s cards—can your child say which 2s number would come next? Which 2s number would come before? (Start off with up to 10, up to 20 etc). This is quite tricky, so use a 2s numberline to look at as well if they need support — ask them to help you make it). If your child is confident, have a go, using 2p coins, at chanting the two-times table (once two is 2, two twos are 4, three twos are 6 etc up to 10 twos), handing over a 2p coin each time. Have fun with the rather mad 'Counting in 2s to 100 dance' on the videos page.

