

Marvellous Maths

Year R:

This week we will be focussing on addition and subtraction. The aim is for your child to add and subtract two single-digit numbers and count on or back to find the answer.

1. **Counting practice.** Lay cards with numbers on in a line from 1 to 20. Ask your child to turn around or blindfold them! Swap two numbers e.g. 4 and 14. Ask your child to count along the line and tell you when they reach a number that is in the wrong place. Then they continue counting until they reach another mis-placed number. Can they say which two numbers have been swapped? Repeat this game, they can do it for you too! If you want to make this more of a challenge time them to see how quickly they can find the numbers. To extend your child, try playing it backwards — ie with the number-line 20 down to 0.
2. Play **On and Off the Bus.** You will need 12 small toys or plastic animals, a "bus" made from a box or something that will hold the 12 toys, and the instructions sheet that is on the website.
3. **Addition games — choose from these addition games suggestions (remember to encourage your child to count on to find the answer):**

Addition cards — divide a pack of cards in two, discarding picture cards: first player to add the two numbers gets the cards [to make this easier, use lower number cards].

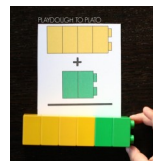
NumberSplat, using chalk and waterballoons — number your waterballoons either between 0 and 5 or 0 and 10 using a sharpie pen. Write a series of totals in circles with chalk—numbers between 0 and 20.

Choose 2 balloons, add the numbers together and splat the answer!

Lego addition—write a series of number addition sentences and use 2 different colours of lego to add together.



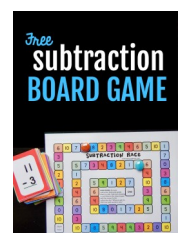
Addition pancakes—cut some 'pancakes' out of card and write addition number sentences on one side, and the total on the other. Ask your child to choose a pancake, work out the answer, and flip it to find out if they're right!



4. **Subtraction games — choose from these addition games suggestions (remember to encourage your child to count back to find the answer):**

Subtraction pancakes—try using the game above, but with subtraction number sentences.

Play the **Subtraction board game** (which also comes with useful flashcards) — see the PDF; instructions for playing (and also a link to download) are here: <https://www.themeasuredmom.com/free-subtraction-game/>



Rabbit takeaway - for an online game with subtraction either within 10 or 20 click the link here: <http://www.rabbittakeaway.co.uk/activity/>

5. Watch the **Numberblocks video** on the video resources page about drawing numbers. Using lots of different colours, can your child write all their numbers correctly?



Try the 'cootie-catchers' games (see PDF) — there are games for number recognition 0-5 and 6-10, addition, subtraction and doubling.

