

Maths Home Learning Y2 18/10/21

Always start with some practical maths to explain and secure all concepts.

Keep Swimming - This activity is a starting point for the majority of children to develop a secure understanding of the objective. Children who have completed the Keep Swimming activity can move onto the Go Deeper or Challenge activity if you feel they are ready.

Go Deeper - This activity is for the children who already have a secure understanding of the objective. They can move on to a challenge if they completed this activity easily.

Day 1 - I know addition facts within 10

Practise counting from any number within 100 then challenge yourself to count back from any number. You can use the 100 square (separate sheet) to help you.

Use resources from around your house to use as counters. You will need single counters in 2 colours. Draw a ten frame on paper.

Write the addition number sentences for each number bond (pair of numbers) to make 3, then 4, 5, 6, 7, 8, 9

For example: $3 + 0 = 3$, $2 + 1 = 3$, $1 + 2 = 3$, $0 + 3 = 3$. Work systematically.

Work through each number using practical equipment. Write /draw all the bonds you make for each number. Today is just a practical day!

Day 2 - I can recall addition facts within 10 and use these to work out bonds to 11 and 12

Watch the this Numberblocks episode

<https://www.bbc.co.uk/iplayer/episode/m000266y/numberblocks-series-3-eleven>

Write/draw or use the sheet (Number bonds to 1 & 11-13). Make addition number sentences for the number bonds (pair of numbers) for 1.

For example: $1 + 0 = 1$, $0 + 1 = 1$. Work systematically.

Now add another ten to your first number. Then add the ten to your second number to create number bonds to 11:

$$1 + 0 = 1 \quad \text{so} \quad 11 + 0 = 11 \quad \text{and} \quad 1 + 10 = 11$$

$$0 + 1 = 1 \quad \text{so} \quad 10 + 1 = 11 \quad \quad 0 + 11 = 11$$

Next write/draw the number bonds for 2 and then the corresponding number bonds to 12. Or use the sheet provided (Number bonds to 1 & 11-13).

Complete the Keep Swimming and/or the Go Deeper activity provided. You can use your objects to help you. Complete a 'Challenge' if you can.

Day 3 - I can recall addition facts within 10 and use these to work out bonds to 13 and 14

Play a quick fire round of 'Number Bond to 10 match up'. Call out a number - can your child tell you the number bond needed to make 10? You could use written pairs of numbers to match up as an active warm up.

As for day 2, use objects and a tens frame to work out firstly the number bond to 3, then the corresponding bonds to 13. Use the sheet (Number bonds to 1 & 11-13) or draw/write them yourself. Next find the number bonds for 4 and 14. Talk about the patterns you should see.

Complete the Keep Swimming and/or the Go Deeper activity provided. You can use your objects to help you. Complete another 'Challenge' if you can.

Day 4 - I can recall addition facts within 10 and use these to work out bonds to 15 and 16

As for day 3, use objects and a tens frame to work out firstly the number bond to 5, then the corresponding bonds to 15. Draw/write them down. Next find the number bonds for 6 and 16. Talk about the patterns you should see.

Complete the Keep Swimming and/or the Go Deeper activity provided. You can use your objects to help you. Complete another 'Challenge' if you can.

Day 5 - I can recall number facts.



Log onto NUMBOTS and complete your own challenges to help Rusty on his journey to shine like a diamond! If you need reminding of your login details just ask your class teacher.

You could also follow this link <https://www.topmarks.co.uk/maths-games/hit-the-button> to practise your number bonds within 10, to make 10 or to make 100.