

Maths Home Learning Y2 11/10/21

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 number bonds within 10.

Practise counting to 100 starting at 0 and counting all the way to 100 and then challenge yourself to count back from 100 to 0. You can use the 100 square (separate sheet) to help you.

Collect nine small objects from around your house and put them into two groups to find all of the different ways to make the numbers from two to nine. For example: make 3 with 3 and 0, 2 and 1, 1 and 2 or 0 and 3.

Write the addition number sentences for each number bond (pair of numbers).

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

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

Day 2 - I know the number bonds to make 10.

Watch the this Numberblocks episode

<https://www.bbc.co.uk/iplayer/episode/b0bn5k6h/numberblocks-series-3-ten-again>

Collect ten small objects from around your house and put them into two groups to find all of the different ways to make the number 10. For example: 0 and 10, 1 and 9. Write the addition number sentences for each number bond (pair of numbers), for example $0 + 10 = 10$, $1 + 9 = 10$, $8 + 2 = 10$.

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

Day 3 - I can use the number bonds to 10 to make 20.

Choose any number on the 100 square (see separate sheet) and practise counting forwards and backwards from your number. Choose a few different numbers to start at.

Collect twenty small objects from around your house and make one group of ten. Make a number to make 10, for example 5 and 5, then add your group of ten to one of the numbers to show that 15 and 5 make 20 and 5 and 15 make 20. Repeat for all of the number bonds to make 10.

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

Day 4 - I can use the number bonds to 10 to make 100.

Write the numbers 0, 1, 2, 3, 4, 5, 5, 6, 7, 8, 9 and 10 on small pieces of paper e.g. post-it notes. Hide or stick them around a room or garden. Collect the first number and then see if you can find its number bond to make 10. If you find it easy, try timing yourself and see how quickly you can do it.

Collect ten pencils/straws/sticks or similar. Each object represents 10. Practise making 100 by using your objects and number bonds to make 10 to help you. For example, 5 straws and 5 straws would represent 50 and 50. Repeat for all of the number bonds to make 100, remembering that each object is worth 10.

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

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.