

Maths Home Learning Y2 8/11/21

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

The days of the week are shown so that you can help to keep your child on track with the lessons being taught in school in this week, especially if they are only absent for part of the week.

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 have a very secure understanding of the objective. They can move on to a challenge if they completed this activity easily.

Monday - I know number bonds to make 8.

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.

Watch this Numberblocks episode

<https://www.bbc.co.uk/iplayer/episode/b0bn5hgn/numberblocks-series-3-octoblock-to-the-rescue?seriesId=b0bls7vy>

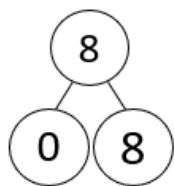
Use 8 small objects and 3 small plates/bowls (1 for the whole, and 2 for each part) to partition the number 8 into two parts. How many different ways can you partition the number 8?

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

Tuesday - I know addition and subtraction facts for 8.

Play a quick-fire round of 'Number Bonds to 6 and 7 match up'. Ask an adult to call out a number from 0 to 6 - can you tell them the number bond needed to make 6? Repeat for the number bonds to make 7. For an active version, written pairs of numbers could be hidden around a room or garden for you to find and match up.

Draw a part-whole model like this and say '8 is the whole', '0 is a part' and '8 is a part'.



Use it to help you write a *fact family* with addition and subtraction sentences for the number 8.

Fact family example:

$$\begin{array}{l} 0 + 8 = 8 \\ 8 + 0 = 8 \\ 8 - 0 = 8 \\ 8 - 8 = 0 \end{array}$$

Then draw a part-whole model to show 8 in a different way (you can use your objects/plates to help you). Use it to help you say the whole and the parts, then practise writing the addition and subtraction sentences to make a *fact family*. Keep going until you have drawn part-whole models and written *fact families* for all of the different ways to make 8. Talk about what is the same and what is different.

Complete the Keep Swimming or the Go Deeper activity provided. You can use your objects, part-whole models and *fact families* to help you. Complete a 'Challenge' if you can.

Wednesday – I can recall number facts.



Log onto NUMBOTS and complete your own challenges to help Rusty on his journey to shine like a diamond!

Practise your recall of number bonds within 10 by playing the game at <https://www.topmarks.co.uk/maths-games/hit-the-button>.

Thursday – I know the number bonds to make 9.

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.

Play a quick-fire round of 'Number Bonds to 8 match up'. Ask an adult to call out a number from 0 to 8 – can you tell them the number bond needed to make 8? For an active version, written pairs of numbers could be hidden around a room or garden for you to find and match up.

Use 9 small objects and 3 small plates/bowls (1 for the whole, and 2 for each part) to partition the number 9 into two parts. How many different ways can you partition the number 9?

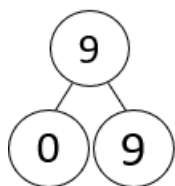
Complete the Keep Swimming or the Go Deeper activity provided. You can use your objects to help you. Complete a 'Challenge' if you can.

Friday – I know addition and subtraction facts for 9.

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.

Play a quick-fire round of 'Number Bonds to 9 match up'. Ask an adult to call out a number from 0 to 9 – can you tell them the number bond needed to make 9? For an active version, written pairs of numbers could be hidden around a room or garden for you to find and match up.

Draw a part-whole model like this and say '9 is the whole', '0 is a part' and '9 is a part'.



Use it to help you write a *fact family* with addition and subtraction sentences for the number 9.

Fact family example:

$$\begin{aligned}0 + 9 &= 9 \\9 + 0 &= 9 \\9 - 0 &= 9 \\9 - 9 &= 0\end{aligned}$$

Then draw a part-whole model to show 9 in a different way (you can use your objects/plates to help you). Use it to help you say the whole and the parts, then practise writing the addition and subtraction sentences to make a *fact family*. Keep going until you have drawn part-whole models and written *fact families* for all of the different ways to make 9. Talk about what is the same and what is different.

Complete the Keep Swimming or the Go Deeper activity provided. You can use your objects, part-whole models and *fact families* to help you. Complete a 'Challenge' if you can.