

Maths Home Learning Y2 22/11/21

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 can add 1 to a two-digit number

Use the 100 square (separate sheet), start at these numbers and add 1:

3, 16, 28, 34, 53, 67

What is happening? How do you travel on the 100 square? What is happening to the number as you add 1? Does each digit change?

Draw these number tracks on paper. Can you complete the missing numbers? Talk about

Continue the number tracks below.

31			34		
			45		48
				67	
	13				

what happens to the tens digit and the ones digits.

Find objects in your home to represent tens and ones e.g. long Lego sticks and single 4 bricks or straws and buttons or sticks and small stones.

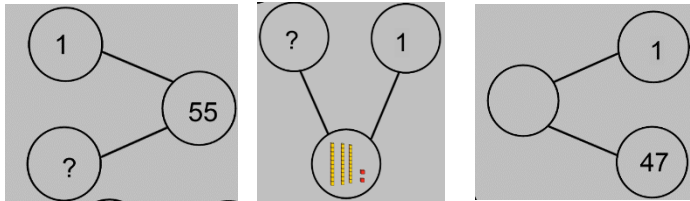
Make different numbers using these objects. For example, if you are using straws for tens and buttons for ones, 5 straws and 3 buttons would be 53.

Using your objects, make the numbers below in turn then add one:

43 34 28 12 65 88

Write number sentences to match each one e.g. $43 + 1 = ?$ or $? = 43 + 1$

Use part whole models and your Base 10 objects to help you work out the missing number in a sum



Complete the Keep Swimming or the Go Deeper activity provided. Use your objects to help you. Complete a 'Challenge' from the Daily Challenge sheet if you can.

Tuesday - I can add multiples of 1 to a two-digit number

Play: <https://www.topmarks.co.uk/learning-to-count/place-value-basketball>

Look at a hundred square. Add a small amount to any number (not crossing a ten). What happens? Which digit changes?

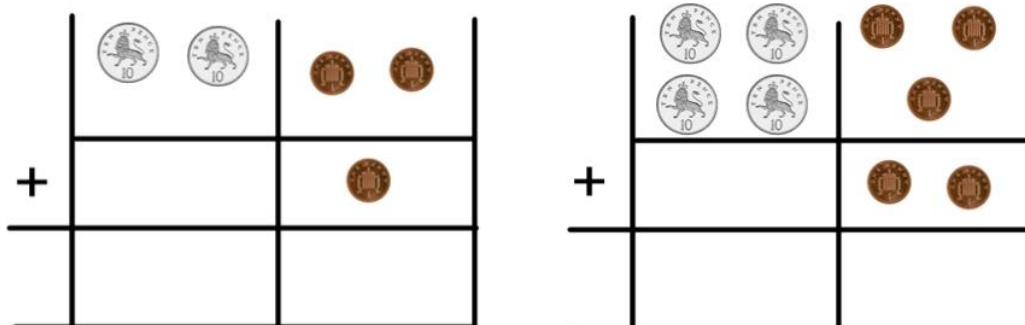
Make the numbers below using base 10.

33 83 61 42

33

Roll a die and add the single digit number to your starting number. Write a sum and say what has happened to the tens digit. What has happened to the ones digit each time.

This is another way of representing addition of tens and ones. Add the ones together first. Write the answer below the ones



Use your Base 10 objects and a part whole model to help you work out the missing numbers in these sums.

$$\begin{array}{ll} 36 + 1 = \square & 37 = 36 + \square \\ 1 + 36 = \square & 37 = 1 + \square \\ 1 + \square = 37 & \square = 1 + 36 \\ 36 + \square = 37 & \square = 36 + 1 \end{array}$$

Complete the Keep Swimming or the Go Deeper activity provided. You can use your objects 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 can add a ten to a two-digit number

Practise counting in tens from 0 - 100 and back. Now start from any small number and count on in tens. Use the 100 square (separate sheet) to help you.

Using your Base 10 objects, make numbers and practise adding a ten to your number. Draw and write the number sentences:

e.g. $34 + 10 =$

$$\begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \end{array} \quad 3 \text{ tens and } 4 \text{ ones} + 10 = \begin{array}{|c|c|c|c|} \hline \square & \square & \square & \square \\ \hline \end{array} \quad 4 \text{ tens and } 4 \text{ ones}$$

What do you notice about the tens number and the ones number?

Do this for these numbers: 62 73 54 86

Try using some 10ps and 1p coins to add a ten to a number.

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 can add multiples of ten to a two-digit number

Play: <https://www.topmarks.co.uk/maths-games/robot-more-or-less>

Practise using your 100 square to count in tens starting from any number.

Find yourself a piece of paper and draw a large place value chart like the one below.

Tens	Ones

Draw 43 in tens and ones on your chart.

Roll a die and add the number of tens to this number. What is your new number? What has happened to each digit?

Practise adding multiples of ten to these numbers and write addition sentences for them e.g.

Tens	Ones
	

$$43 + 30 = 73$$

Tens	Ones
	

24 31 17 29 32

Practise adding tens to a number using 10ps and 1ps.

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