







Maths Home Learning

Year 2	Numbers and the number system	Fractions	Operations and relationships between them	Mental methods	Written methods	Solving problems
I know and understand	Fill in the numbers on the blank 100 square.	Find and draw around a circle, square and rectangle shape. Fold and colour these shapes to show $\frac{1}{4}$.	Ask someone to call out a number between 0 and 10. How quickly can you call back the number that goes with it to make 10? Can you do it for 20?	Practise counting in 2's, 5's, 10's, 3's putting up 1 finger each time you count.	Tell an adult what these signs mean; + - X ÷ Tell them how you would work these out; $12 + 15 =$ $21 - 7 =$ $3 \times 5 =$ $18 \div 2 =$	15 cars park in a car park in the morning. 6 more park in the afternoon. 3 cars leave in the evening. How many cars are left in the car park?
I can show what I know	Ask someone to say a number between 0 and 100. Can you count back from it to 0? (Can you change the direction of your count every time someone claps their hands?)	Take a pizza, cake or piece of fruit. Cut it into halves, label it with $\frac{1}{2}$ and take a photograph of it. Repeat for quarters. Can you show how many $\frac{1}{4}$'s make a $\frac{1}{2}$ or $\frac{3}{4}$?	Look at some car registration plates. How quickly can you add up the total of the numbers?	Ask someone to 'Hotspot' you with questions from your 2, 5, 10 or 3 x table.	What are the mystery numbers?  \times  = 10 $20 +$  $+$  = 40 $20 -$  $-$  = 8	Mrs Ross has 5 boxes of pencils. Each box has 10 pencils in. How many pencils does she have altogether? Record how you would solve this.
I can apply what I know	Play 'The Ladder Game'.	Choose something to use as counters. Make a set of 32. Find what is half, quarter and three-quarters of this set. Draw and label your findings.	How many sums can you make using only : 5, 3, 8, +, - and = ? What about; 30, 40, 70, +, -, and = ?	Play 'Fishy Fishy Fingers' with an adult. Count how many fingers are up altogether. How quickly can you double that number?	How many true number sentences can you create using only : 10, 2, 20, 5, 7 +, -, x, ÷ and =	There are 27 children in Mrs Farrell's class. How many boxes of pencils will she need? There are still 10 pencils in each box! Record how you would solve this.
I can create	Can you create a game where numbers have to be ordered?	Can you write instructions for a PE warm up? It must include a $\frac{1}{4}$ turn a $\frac{1}{2}$ turn, a $\frac{3}{4}$ turn and a whole turn. Practise it ready to instruct the class!	Create a fun poster for all the ways you can make 9. Can you do another one for 19? And another one for 90 using multiples of 10 (e.g. 10+80)?!	Can you create a quick warm up game that we could play at the start of a maths lesson that would help us to practise our times tables?	Can you create a challenge like the one above for us at school? Choose 5 numbers that will let us create lots of different sums. You'll need to try out your challenge to make sure it works!	Can you write your own worded problems to match these number sentences; $17 + 5 = 22$ $25 - 6 = 19$ $6 \times 5 = 30$ $24 \div 3 = 8$ E.g. There were 25 sweets in a packet. Bob ate 6. How many were left? How creative can you be?