

Year 3 Maths Homework Activities – Autumn Term

You are expected to learn your Times tables as well as doing an activity below each week. The times table needed each week will be recorded in your reading record.

Week	Activity	Completed
1	Practise counting forwards and backwards in 10s from different numbers i.e 3, 13, 23 or 141, 151, 161	
2	Find 5 three-digit numbers around the house eg your door number, your grandparents ages add together or choose your favourite numbers. Write them in a table of 3 columns and 6 rows. In column one record the number. In column two record the number in tens and ones and in column three record the sum. Eg 137 is 1 hundred 3 tens and 7 ones and the sum of the tens and ones eg $100+30+7$. Challenge: Use four digit numbers to record hundreds, tens and ones Eg 1645 is $100 + 600 + 40 + 5$	
3	What are the next four numbers in these patterns? 16, 20, 24, 28, _ _ _ 12, 18, 24, - - - - 21, 19, 17, - - - - Make up some patterns of your own. Challenge: Use different 'gaps' between the numbers.	
4	Are these numbers odd or even? 6801, 1947, 1234, 1941. Explain how you know.... Is there a way you can always tell no matter how big the number? Try some numbers of your own and test your Mum or Dad. Challenge: Get an adult to give you some different numbers.	
5	Play mental arithmetic snap. Use a pack of playing cards with the 10s, jacks, queens and kings removed. Turn over the top two cards. The players add them together mentally and call out the answer. The first to call out the correct answer wins the cards. When the pack is exhausted, the winner is the player with the most cards. Challenge: Make this more difficult by turning over three cards at a time or adding in the jacks etc and giving them a value.	
6	Practise your number bonds to 10, 20, 100, 50. Use https://www.topmarks.co.uk/maths-games/hit-the-button To practise these.	
7	Which coins do you need to make these totals? 18p, 33p, 76p, 87p Count the money in Dad's pocket or Mum's purse. Count another 'pile' of money. Which is more? Challenge: Try higher amounts including pounds.	
8	Look around the house or in a magazine for some items with prices in pounds. Choose 3 items. For each item draw the coins you would need to pay for it. See if you can make the amount in 3 different ways. Challenge: Try higher amounts.	
9	Find some objects or people around the home and measure whether they are taller or shorter than you. Make a list.	

	Challenge: Order your answers from shortest to tallest or tallest to shortest. Can you decide a sensible unit to measure the items in if you were asked to would you use- mm, cm, m, km why? Challenge -Do you know how many cm in a m? m in a km? mm in a cm?	
10	Ask some people you know their ages. Are they odd or even numbers? How many tens are there in each person's age? Who is the oldest? Have they lived more than 1 decade (ten years)? 2 decades etc. Challenge: Add together 3 different ages. If you round the numbers to the nearest 10 will the total of the ages be larger/ smaller?	
11	Practise telling the time- https://mathsframe.co.uk/en/resources/resource/116/telling-the-time choose the level you want to start with.	
12	Look around the house and see how many different 2D and 3D shapes you can find. Draw and label them. Challenge: Can you find out the names of any shapes you do not know?	