National Curriculum Programme of Study;

- recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- write and calculate mathematical statements for multiplication using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.



BY THE END OF YEAR 3								
		3	6					
	х	5	7			3	6	
	<u> </u>	4	2	Expanded column written method,	х		7	
	2			progressing to the compact column written method	2	5	2	
		1	0			4		
	2	5	2					
Usir	ng arr	ays a	and k	Following on from year 2 nown facts for multiplication of two sin	gle d	ligit n	umbe	ers
Using arrays and known facts for multiplication of two single digit numbers Children should be encouraged to use known multiplication facts to calculate others that are unknown to them. Multiply two single-digit numbers together by splitting into two parts Ask the children to describe the array as 5 rows of 7 circles or 7 columns with 5 circles in each column. Draw a line to split the array into two smaller ones, each matching known facts for multiplication. The example here shows 5 x 7 being split into 5 x 5 and 5 x 2. Multiply two single-digit numbers together by splitting into more than two parts 7 x 8 = (5 x 5) + (5 x 3) + (5 x 2) + (2 x 3) = 25 + 15 + 10 + 6 = 56								

