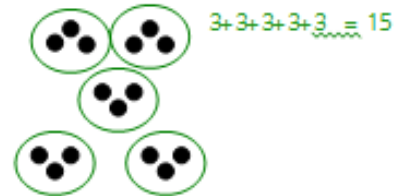


# Multiplication

## YEAR 1 – Using objects, pictures and arrays

Children are given the experience of counting in 2, 5 and 10 forwards and backwards using



objects, pictures and arrays.

## YEAR 2 – Arrays, repeated addition and mental methods

Children need to know the 2, 3, 5 and 10 multiplication table, using arrays to calculate if required.



$$5 \times 3 = 3 + 3 + 3 + 3 = 15$$

$$3 \times 5 = 5 + 5 + 5 = 15$$

## YEAR 3 – Multiply two digits by a single digit

Children need to know all of the year 2 multiplication tables along with the x4 and x8 tables. They will be given the experience of multiplying TO x O using the column method.

	5	3
x		8
	2	4
4	0	0
4	2	4

## YEAR 4 – Multiply two and three digits by a single digit

Children need to know all multiplication tables to 12 x 12. They will be given the experience of multiplying TO x O and HTO x O using the column method. Moving onto short multiplication when ready.

$$\begin{array}{r} 324 \\ \times 6 \\ \hline 24 \\ 120 \\ \hline 1,800 \\ 1,944 \end{array}$$



$$\begin{array}{r} 237 \\ \times 4 \\ \hline 948 \\ \small 12 \end{array}$$

Children should put the carried number underneath