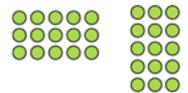# Multiplication

YEAR 1 – No written expectations. See CPA policy

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.

```
  324
   x6
   24
  120
1,800
1,944
```

```
  237
x   4
  948
  1 2
```

Children should put the carried number underneath