

## Multiplication Teaching across the school

Explicit teaching of these multiplication facts is integral to the building of recall knowledge.

All pupils in Year 1 – 6 to have their own TTRS login. Encourage the use of Jammin' at home because this is where the children/parent can select the correct multiplication table for them.

If pupils become secure in their knowledge of the current year group multiplication fact then teaching of the related divisibility facts can be taught to the cohort.

In the visual table below, can be seen the distribution of facts to learn each year.

Some ideas for resources to use for teaching multiplication facts:

- Times Table Rock Star
- Hit the Button
- Multiplication wheels

	Fact to learn	
Nursery	Counting to 10	Over the year
Reception	Counting in 5's	Over the year
Year 1	x1	Summer term only
Year 2	x2 x5 x10	Over the year
Year 3	Personalised programme from auto training on TTRS for practise. Teach x3 and x4 x8	Over the year
Year 4	Personalised programme from auto training on TTRS including the remaining x6, x9, x7, x11 and x12	Over the year
Year 5	Revision of all tables up to 12x12	Over the year
Year 6		Over the year

## Multiplication facts learned in each year

Year 1	Year 2			Year 3			Year 4				
1 x	10 x	5x	2x	4x	8x	3x	6x	9x	7x	11x	12x
		half 10 x		double 2 x	double 4 x		double 3 x	6 x add 3 x		10 x add 1 x	10 x add 2 x
1 x 1 = 1											
2 x 1 = 2	2 x 10 = 20	2 x 5 = 10	2 x 2 = 4								
3 x 1 = 3	3 x 10 = 30	3 x 5 = 15	3 x 2 = 6	3 x 4 = 12	3 x 8 = 24	3 x 3 = 9					
4 x 1 = 4	4 x 10 = 40	4 x 5 = 20	4 x 2 = 8	4 x 4 = 16							
5 x 1 = 5	5 x 10 = 50	5 x 5 = 25									
6 x 1 = 6	6 x 10 = 60	6 x 5 = 30	6 x 2 = 12	6 x 4 = 24	6 x 8 = 48	6 x 3 = 18	6 x 6 = 36				
7 x 1 = 7	7 x 10 = 70	7 x 5 = 35	7 x 2 = 14	7 x 4 = 28	7 x 8 = 56	7 x 3 = 56	7 x 6 = 42	7 x 9 = 63	7 x 7 = 49		
8 x 1 = 8	8 x 10 = 80	8 x 5 = 40	8 x 2 = 16	8 x 4 = 32	8 x 8 = 64						
9 x 1 = 9	9 x 10 = 90	9 x 5 = 45	9 x 2 = 18	9 x 4 = 36	9 x 8 = 72	9 x 3 = 72	9 x 6 = 54	9 x 9 = 81			
10 x 1 = 10	10 x 10 = 100										
11 x 1 = 11	11 x 10 = 110	11 x 5 = 55	11 x 2 = 22	11 x 4 = 44	11 x 8 = 88	11 x 3 = 88	11 x 6 = 66	11 x 9 = 99	11 x 7 = 77	11 x 11 = 121	
12 x 1 = 12	12 x 10 = 120	12 x 5 = 60	12 x 2 = 24	12 x 4 = 48	12 x 8 = 96	12 x 3 = 96	12 x 6 = 72	12 x 9 = 108	12 x 7 = 84	12 x 11 = 132	12 x 12 = 144
12 facts	11 facts	10 facts	9 facts	8 facts	7 facts	6 facts	5 facts	4 facts	3 facts	2 facts	1 fact
12 facts in Y1	30 facts in Y2			21 facts in Y3			15 facts in Y4				