A PARENTS' GUIDE TO LEARNING TIMES TABLES

What do we mean by 'learning times tables'?

'Knowing' the times tables means a child will be able to recall any of the multiples of a times table out of order within 5 seconds, as well as knowing the matching division facts i.e. 4 x 6 = 24 as well as 24 ÷ 6 = 4.

Why do children need to learn times tables?

Knowing times tables facts is crucially important to your child's progression in their mathematics education. Without a deep understanding of multiplication and division facts, children frequently get 'lost' when it comes to doing anything with fractions and any multiplication or division with larger numbers.

How can I help my child to learn times tables?

Here are the national curriculum expectations for times tables by year group;

Reception - Explore number patterns within 10, including knowing some doubles facts E.g. 5 + 5 = 10.

Year 1 – Count in multiples of 2s, 5s and 10s.

Year 2 – Recall multiplication and division facts for the 2, 5 and 10 times tables E.g. 6 x 5 = 30 and 30 ÷ 5 = 6

Year 3 – In addition to the KS1 expectations, recall multiplication and division facts for the 3, 4 and 8 times tables E.g. 6 x 8 = 48 and 48 ÷ 8 = 6

Year 4 - Recall multiplication and division facts for all times tables up to 12 x 12. All Y4 children will complete the statutory Multiplication Tables Check in June. The purpose of the MTC is to determine whether pupils can recall their times tables fluently, which is essential for future success in mathematics.

In **Years 5 and 6**, it is expected that the children know all times table facts and use them in other areas of maths e.g. fractions and written multiplication.

You can help your child to learn times tables facts by encouraging them to access Times Table Rockstars *ttrockstars.com* at home using the login provided by school. Asking your child quick fire questions will also help and there are many other online games to play such as Hit the Button *https://www.topmarks.co.uk/maths-games/hit-the-button* and *https://www.timestables.co.uk*

Multiplication Square

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144