Teaching Multiplication Tables

At St. John's, we teach multiplication tables to ensure that the children are able to quickly recall and apply related facts.

Multiplication forms the building block for many other mathematical concepts. Once children are confident in the use of their times tables they can begin to apply this knowledge to calculating a variety of questions.

As children handle money, share items between friends and cut food into portions they are beginning to build up their multiplication skills as part of their everyday life. Being introduced to these ideas at an early age will mean that as well as gaining confidence in the subject, they will be able to utilise these skills in the wider world.

All children from Year 2 onwards get the opportunity to practise their multiplication tables weekly, during their class's computer room slot. Tables should be taught in addition to when they are covered in the White Rose curriculum by using one mental maths session a week to do so.

Multiplication tables should be taught following the CPA approach as expected in all Maths lessons.

Medium Term Plan of teaching Multiplication Tables

	Autumn Term	Spring Term	Summer Term
Year 2	X 2	X 5	X 10
Year 3	X 0 X 1 Doubling Strategies X 4 (Double 2s)	Commutative Law X 8 (Double 4s)	X 3
Year 4	X 6 (Double 3s) X 12 (Double 6s)	X7 X9 X 11	Practise in preparation for the MTC.

Below shows which multiplication facts the children will learn in each year.

Year 2	30 facts
Year 3	21 facts
Year 4	15 facts

If we disregard the 0 x and 1 x tables as children should learn those patterns very easily. The table shows how many new facts each year group needs to teach.

x	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0

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