

# Summerswood Primary School

In the table below are the National Curriculum times tables expectations for each year group. The children will need these skills regularly in school to support their learning.

Expectations for times tables for each year group:	
Year 1	Count in multiples of 2, 5 and 10. Recall and use doubles of all numbers to 10 and corresponding halves.
Year 2	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
Year 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
Year 4	Recall multiplication and division facts for multiplication tables up to $12 \times 12$ .
Year 5	Revision of all times tables and division facts up to $12 \times 12$ .
Year 6	Revision of all times tables and division facts up to $12 \times 12$ .

Words to use:

-Multiply    -Times    - Product of    - Multiplied by    -Doubled    -Lots of    -Groups of

## How can I help my child with their times tables?

- A lot of learning the x tables is just repetition. Go over the x table again and again. Chant it, sing it, stamp your feet or bang a drum to it!
- Look out for patterns. What do you notice? For example, the 5x table always ends in 5 or 0 and the digits of the 11x table are the same up to 10x.
- Be detectives and find maths rules. For example: are multiples of 6 always even? What do you notice about adding the digits of the 9x table together (up to 10x)?
- 10 is the key! The 10x table is perhaps the easiest, so use it to help with 9x and 11x of other numbers. For example: if we know that  $10 \times 7$  is 70 then  $11 \times 7$  must be 7 more or  $9 \times 7$  must be 7 less.
- Recall the rhyme! '6 x 6 is 36', 'Seven 7s are 49' etc. ...
- Time yourself. Can you get quicker at reciting your x table up to 12x?

This Multiplication grid can be a useful resource:

×	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

My child can recall all the facts to 12x12.

What next?

Check for fluency (that facts can be recalled quickly). If so, look at how this knowledge can help with larger calculations. For example:  $42 \times 5 = ?$  Develop problem solving (such as real-life word problems) and reasoning skills, encouraging your child to think how they can apply their times tables knowledge. The website <http://nrich.maths.org> can help with this.