
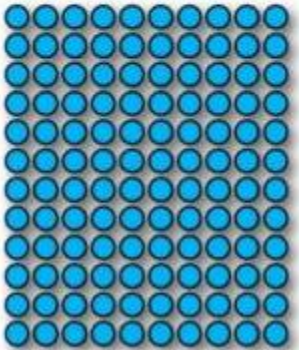


Times tables



12 x 10 

120



Knight Owl Teaching Resources



Times Table - 15x15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
13	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195
14	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225



Aims:

- To understand why multiplication facts are focussed upon
- To understand how multiplication facts are taught at St Katherine's
- To understand what the Multiplication Tables Check is and how it is administered
- To understand how you can support your child(ren) in the development of their knowledge and understanding of multiplicative facts



- Knowledge of times table facts is crucially important – it supports lots of other areas of maths
- Mental maths activities and tests require quick recall of multiplication and division facts

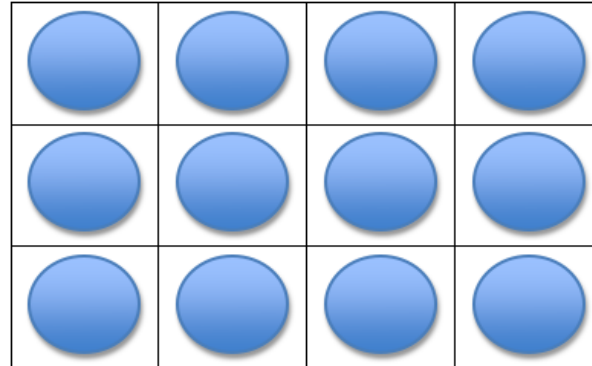




- 'Knowing their times tables' means a child will be able to recall any of the multiples of a times table out of order within 3 seconds, as well as knowing the matching division facts

$$3 \times 4 = 12$$

$$12 \div 3 = 4$$





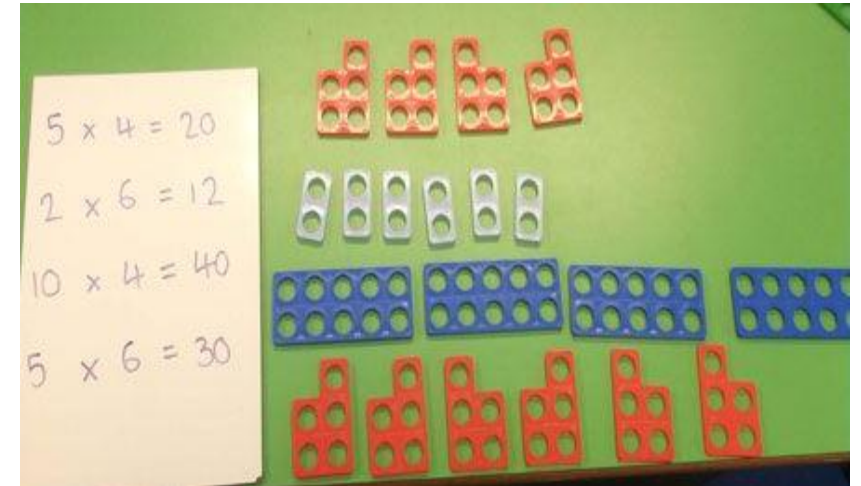
Times tables at St Katherine's

- Focus on concrete understanding – not just rote learning
- Manipulatives are used
- High profile and enjoyable
- Variation of activity to support memory and the limitations it has



- Short sharp learning opportunities (2-3 times a week)

- White Rose (maths framework we use to support planning) has multiplication teaching within its journey



- Times Table Rockstars to support home learning and give teachers insight into level of understanding

- Assemblies and competitions between classes here and across the trust



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$2 \times 12 = 24$
 $3 \times 8 = 24$
 $4 \times 6 = 24$



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Multiplication Tables Check



- Aim of the National Curriculum – all tables up to 12 x 12 learnt by the end of year 4
- Multiplication Tables Check sat nationally by year 4 children
- The MTC determines if year 4 children can fluently recall their multiplication tables
- Designed to help schools identify which children require more support to learn their times tables
- There is no 'pass' rate or threshold which means that, unlike the Phonics Screening Check, children will not be expected to re-sit the check



- There will be a 2 week window from **Monday 2nd June and Friday 13th June 2025** for schools to administer the check.
- There is no set day to administer the check and children are not expected to take the check at the same time
- There is a ‘Try it out’ area, provided by the DfE, which will take place in school



- We are also taking part in the Officially Unofficial MTC on TT Rockstars, which will take place between 28th April to the 16th May 2025 (this involves completing soundcheck games that children are familiar with, at different points of the year and practising in between these)





What the test will be like for children

- The check will be fully digital: answers will be entered using a keyboard, by pressing digits using a mouse or using an on-screen number pad.
- Usually, the check will take less than 5 minutes for each child.
- The children will have 6 seconds from the time the question appears to input their answer
- There will be a total of 25 questions with a 3 second pause in-between questions.
- There will be 3 practice questions before the check begins.





Access Arrangements for the MTC

Some children will be eligible for specific arrangements:

- Colour contrast
- Font size adjustment
- 'Next' button (alternative to 3-second pause)
- Removing on-screen number pad
- An adult to input answers
- Audio version
- Audible time alert





MTC questions

- Each child will be randomly assigned a set of questions
- There will only be multiplication questions in the check, not division facts
- The 6, 7, 8, 9 and 12 times tables are more likely to be asked, as these are the hardest for most children to learn. It's a good idea to focus on these tricky times tables with your child at home.



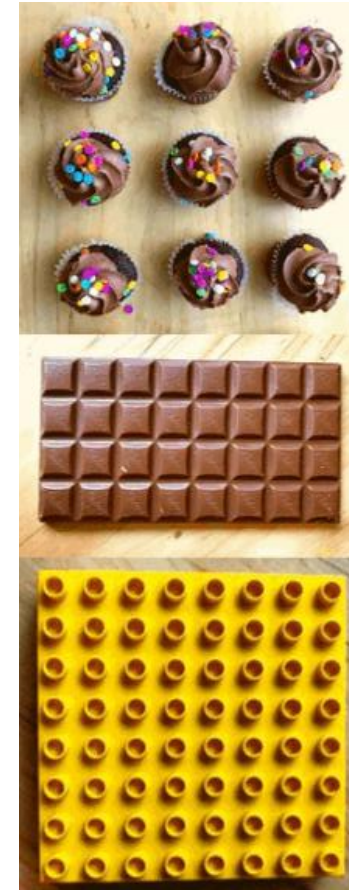
- Reversal of questions (e.g. 8×6 and 6×8)
will not be asked in the same check.

- Children **will not** see their individual results
when they complete the check.



How can I help?

- Short learning sessions/episodes – use of manipulatives, games, chanting, songs and rhymes
- Real world examples e.g. counting in multiples
- Encouraging children to use Times Tables Rock Stars
- Positive approach to times tables and maths in general



Online resources



TT Rockstars: <https://trockstars.com/>

Hit the Button- <https://www.topmarks.co.uk/maths-games/hit-the-button>

Snappy Maths <https://www.snappymaths.com/calculations/times-tables-multiplication-division/>

Time table games: <https://www.timestables.co.uk/games/>

MathsFrame: <https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check>

[Times Tables Flash Cards - Timestables.co.uk](https://www.timestables.co.uk)

[Help with times tables: fun ideas, videos and quizzes - Oxford Owl](#)