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Year 4 Multiplication Tables Check

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



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Aims of the session

- ▶ To understand what the Multiplication Tables Check (MTC) is and what the expectations are
- ▶ To understand when and why the Multiplication Tables Check will be administered
- ▶ To understand how you can support your child at home through strategies and useful websites



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What is the Multiplication Tables Check?

- ▶ The Multiplication Tables Check (MTC) was officially announced by the Department for Education (DfE) in September 2017. It will be administered for children in Year 4, rolling out from the summer term 2022.
- ▶ The multiplication tables check (MTC) is statutory for primary schools in the 2021/22 academic year

What is the purpose of the multiplication tables check?

- ▶ To determine whether year 4 pupils can fluently recall their multiplication tables.
- ▶ To help schools to identify pupils who require additional support.
- ▶ There is no 'pass' rate or threshold.
- ▶ The DfE will create a report on overall results across all schools in England to measure improvements.



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When the multiplication tables check will be carried out?

- ▶ There will be 3-week window from 6th June 2022 for the administration of the check.
- ▶ There is no set day to administer the check.
- ▶ At Elsley year 4 pupils will take part between the 6th - 17th June 2022
- ▶ Children are not expected to take the check at the same time.
- ▶ All eligible year 4 pupils England will be required to take the check.



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How the multiplication tables check is carried out

- ▶ The check will be fully digital and take place on screen using either a laptop, desktop or tablet.
- ▶ Answers will be entered using a keyboard or by pressing digits using a mouse or touchscreen using an on-screen number pad.
- ▶ Each question will be worth one mark and be presented to the child in this format: $_ \times _ = _$



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How the Multiplication Tables Check is carried out

- ▶ Under standard administration* the multiplication check will take less than 5 minutes per pupil.
- ▶ Children will get 6 seconds from the time the question appears to input their answer.
- ▶ There will be 25 questions with a 3 second pause in-between questions.



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Specific arrangements for multiplication tables check

- ▶ Children with additional needs, who have similar provision in their day-to-day learning at school, may be allotted specific arrangements, including:
- ▶ Colour contrast;
- ▶ Font size adjustment;
- ▶ ‘Next’ button (alternative to 3-second pause);
- ▶ Removing on-screen number pad;
- ▶ An adult to input answers; • Question reader;
- ▶ Audible time alert



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The questions...

- ▶ Each pupil will be randomly assigned a set of questions selected from the 121 number facts that make up the multiplication tables from 2 to 12.
- ▶ Children will only face multiplication statements in the check (not related division facts).
- ▶ Pupils will have 6 seconds per answer means that children must be able to read, recall and enter their response within that time. Whatever is written in the answer box at the end of 6 seconds will be counted as the answer i.e. if the student intends to write 144 and only 14 is typed when the timer ends, their recorded answer is 14.



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During the check...

- ▶ There will always be questions from the 3, 4, 5, 6, 7, 8, 9, 11 and 12 multiplication tables in each check.
- ▶ There will be no questions from the 1 times table (i.e 1×8 or 8×1). • The 6, 7, 8, 9 and 12 times tables are more likely to be asked.
- ▶ There will only be a maximum of 7 questions from the 2, 5 and 10 times tables.
- ▶ Reversal of questions will not feature in the same check. 4×3 3×4



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Questions more likely to appear

- ▶ The following 11 multiplication questions are more likely to be asked:
 - ▶ 6×6 , 6×7 , 6×8 , 6×9 , 6×12
 - ▶ 7×8 , 7×9 , 7×12 • 8×9 , 8×12
 - ▶ 12×12
- ▶ There is a focus on the 6, 7, 8, 9 and 12 times tables as they are seen to be the most difficult multiplication tables.



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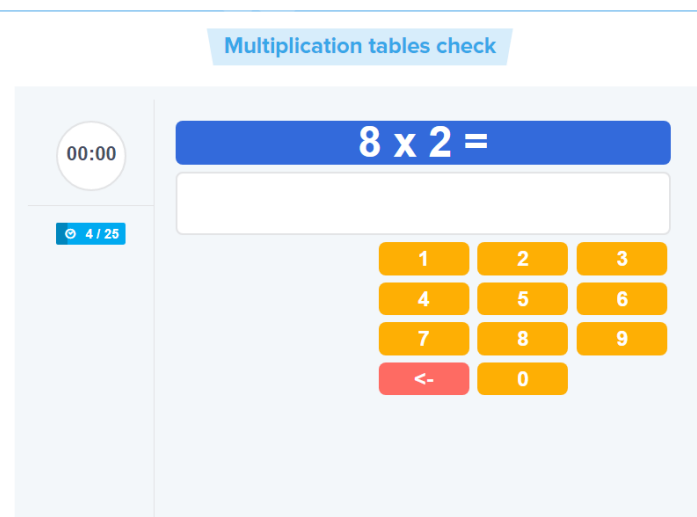
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Supporting your child...

- ▶ You can use this free multiplication table check which will give you an idea of the speed at which children will be asked questions:
- ▶ <https://www.timestables.co.uk/multiplication-tables-check/>
- ▶ Check Your child can also use this online tool to practise at home





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Some further tips...

- ▶ Times Table Rock stars <https://ttrackstars.com/login> Can be used at home
Get your child to practise daily for 15 minutes
- ▶ Make times tables fun:
- ▶ Climb stairs counting in multiples
- ▶ Play verbal times tables games
- ▶ Listen to and learn times tables songs
- ▶ Take it in turns to say different times tables in funny voices (i.e. say $2 \times 3 = 6$ in a lion's voice)
- ▶ Play online Maths games



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Remember this about the multiplication tables check

- ▶ The check will focus on what they know about times tables It won't reflect their understanding of wider mathematical topics.
- ▶ The check is only 5 minutes long For most children, the check will last for a maximum of 5 minutes.
- ▶ When they have finished, they will not need to repeat the check, regardless of their final score.



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Useful websites

- ▶ Department of Education (DfE)
<https://www.gov.uk/guidance/multiplicationtables-check-developmentprocess>
- ▶ Multiplication check DfE Video <https://youtu.be/ct5cDctLVTI>
- ▶ Times tables Rock Stars <https://trockstars.com/>
- ▶ Topmarks <https://www.topmarks.co.uk/>



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Any Questions?

