

YEAR 4 TIMES TABLES CHECK

PARENT WORKSHOP : Tuesday 28th January 2020



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AIMS OF THIS WORKSHOP

- To achieve a stronger understanding of what the Multiplication Tables Check (MTC) is and what the expectations are
- To understand how , when and why the Multiplication Tables Check (MTC) will be administered
- To achieve a stronger understanding of how times tables is taught in Year 4
- To be provide you with a range of strategies and websites you can use with your child at home



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WHAT IS THE MULTIPLICATION CHECK?

A test which will check children's understanding of the times tables and find out if they are working at the Year 4 Expected Level.



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What are the times tables expectations now that the Multiplication Tables Check (MTC) has been introduced?

Under the current National Curriculum, children are supposed to know their times tables by the end of Year 4, and in preparation for the MTC test.



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What is the Times Tables Check/ The Multiplication Tables Check (MTC)?

The **Multiplication Tables Check (MTC)** was officially announced by the Department for Education (DfE) in September 2017.

It was administered as a voluntary pilot check for children in Year 4, in the 2019-2020 academic year- which Stanton Bridge Primary School took part in.



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MTC PILOT RESULTS 2018-2019

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While the DfE have not published any verified, comparative data for the MTC Pilot, education experts have analysed the data from the MTC Pilot to provide schools with an indication of the national picture of schools that took part in the MTC sample.

BAND	AVERAGE SCORES
Top 10% of schools	21.8<
Top 25% of schools	20.4< (Stanton Bridge AVERAGE SCORE 21.2)
Top 50% of schools	18.5<
Bottom 25% of schools	<16.3
Bottom 10% of schools	<14.9

BAND	PROPORTION SCORING 25/25
Top 10% of schools	33.3%< (Stanton Bridge 36%)
Top 25% of schools	24.2%<
Top 50% of schools	14.3%<
Bottom 25% of schools	<7.5%
Bottom 10% of schools	<2.5%



Do all pupils in the UK need to take the MTC?

From the 2019/20 academic year onwards, all state-funded maintained schools and academies (including free schools) in England will be required to administer the MTC to Year 4 pupils.



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When will the Multiplication Tables Check be administered?

- All Year 4 children will have their multiplication skills formally tested in the June of this academic year 2019-2020.



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How will the Multiplication Tables Check be administered?

Children will be tested using an on-screen check (on a computer or a tablet), where they will have to answer multiplication questions against the clock.

The test will last no longer than 5 minutes and is similar to other tests already used by primary school.

It will be automatically scored, and results will be available to schools once the assessment window closes at the end of the week assessment period.



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How will the Multiplication Tables Check be administered? (continued...)

Children will have 6 seconds to answer each question in a series of 25 questions.

This allows pupils the time required to demonstrate their recall of multiplication tables, whilst limiting pupils' ability to work out answers to the questions.

Each question will be worth one mark and be presented to the child in this format:

$$_ \times _ = _$$



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How will the Multiplication Tables Check be administered? (continued...)

Questions will be selected from the 121 number facts that make up the multiplication tables from 2 to 12, with a particular focus on the 6, 7, 8, 9 and 12 times tables as they are considered to be the most challenging.

Each question will only appear once in any 25-question series, and children won't be asked to answer reversals of a question as part of the check e.g., (so if they've already answered 3×4 they won't be asked about 4×3).



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What is the pass mark for the test?

At present the DfE have not issued an official "pass mark".

As a school we are aiming for a pass mark between 22 -25.

Watch the video for additional information <https://youtu.be/GhAJMJUsAac>



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How is the school preparing pupils for the MTC? How is multiplication taught in Year 4?



All children have a TTRS log in. We practise daily at school and children are expected to use this daily at home.

TTRS allows children to practise their times tables and improve their recall.

We also practise daily through:

- Songs
- Games
- Recall activities
- Interventions



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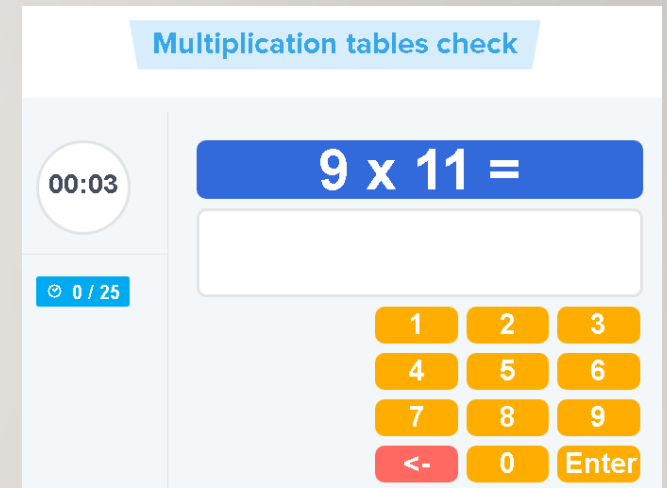


What else is the school doing to prepare pupils for the MTC?

BASELINE TEST

<https://www.timestables.co.uk/multiplication-tables-check/>

- In school test
- Used at various points throughout the year to check children's progress.



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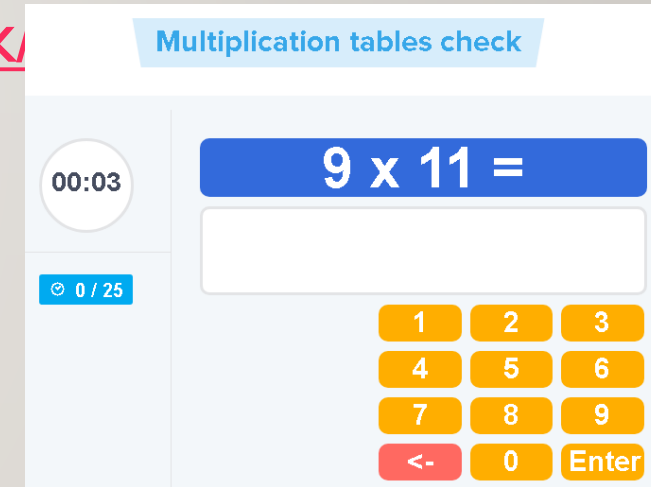


What can you do at home to support your child?

Children must practise using Times Tables Rock Stars daily

<https://ttrockstars.com/login>

<https://www.timestables.co.uk/multiplication-tables-check>



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What can you do at home to support your child?

Use the sheet given to work with your child, practise with them, test them, praise them.

1x table	2x table	3x table	4x table	5x table	6x table
1 x 1 = 1	1 x 2 = 2	1 x 3 = 3	1 x 4 = 4	1 x 5 = 5	1 x 6 = 6
2 x 1 = 2	2 x 2 = 4	2 x 3 = 6	2 x 4 = 8	2 x 5 = 10	2 x 6 = 12
3 x 1 = 3	3 x 2 = 6	3 x 3 = 9	3 x 4 = 12	3 x 5 = 15	3 x 6 = 18
4 x 1 = 4	4 x 2 = 8	4 x 3 = 12	4 x 4 = 16	4 x 5 = 20	4 x 6 = 24
5 x 1 = 5	5 x 2 = 10	5 x 3 = 15	5 x 4 = 20	5 x 5 = 25	5 x 6 = 30
6 x 1 = 6	6 x 2 = 12	6 x 3 = 18	6 x 4 = 24	6 x 5 = 30	6 x 6 = 36
7 x 1 = 7	7 x 2 = 14	7 x 3 = 21	7 x 4 = 28	7 x 5 = 35	7 x 6 = 42
8 x 1 = 8	8 x 2 = 16	8 x 3 = 24	8 x 4 = 32	8 x 5 = 40	8 x 6 = 48
9 x 1 = 9	9 x 2 = 18	9 x 3 = 27	9 x 4 = 36	9 x 5 = 45	9 x 6 = 54
10 x 1 = 10	10 x 2 = 20	10 x 3 = 30	10 x 4 = 40	10 x 5 = 50	10 x 6 = 60
11 x 1 = 11	11 x 2 = 22	11 x 3 = 33	11 x 4 = 44	11 x 5 = 55	11 x 6 = 66
12 x 1 = 12	12 x 2 = 24	12 x 3 = 36	12 x 4 = 48	12 x 5 = 60	12 x 6 = 72

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



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Useful Websites

NATIONAL CURRICULUM

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/335158/primary_national_curriculum_-_mathematics_220714.pdf

DEPARTMENT OF EDUCATION (DFE)

<https://www.gov.uk/guidance/multiplication-tables-check-development-process>



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Useful Websites

- MATHS GAMES [HTTP://WWW.MATHS-GAMES.ORG/TIMES-TABLES-GAMES.HTML](http://www.maths-games.org/times-tables-games.html)
- COOL MATHS [HTTPS://WWW.COOLMATHGAMES.COM/](https://www.coolmathgames.com/)
- IXL [HTTPS://UK.IXL.COM/](https://uk.ixl.com/)
- TIMES TABLES ROCK STARS [HTTPS://TTROCKSTARS.COM/](https://ttrockstars.com/)
- TOPMARKS [HTTPS://WWW.TOPMARKS.CO.UK/](https://www.topmarks.co.uk/)
- DFE VIDEO - [HTTPS://YOUTU.BE/GHAJMJUSAAC](https://youtu.be/GHAJMJUSAAC)



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Questions?



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