

# YEAR 4 TIMES TABLES CHECK

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PARENT WORKSHOP : 13<sup>th</sup> February 2020



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# AIMS OF THIS WORKSHOP

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

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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)?

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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 for sample schools.



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

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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?

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- All Year 4 children will have their multiplication skills formally tested in the Summer Term of this academic year 2019-2020.
- Schools will have a 3 week window to administer the MTC.
- Teachers will have the flexibility to administer the check to individual pupils, small groups or a whole class at the same time.



## How will the MTC data be used now that the check is compulsory?

- School-level results and individual pupil results will be made available to schools. This will allow schools to provide additional support to pupils who require it.
- As is the case with the phonics check (KSI), school-level results will be available to selected users including Ofsted.
- National results will be reported by the Department for Education (DfE) to track standards over time.
- National and local authority results will be reported by the DfE to allow schools to benchmark the performance of their pupils.



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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.

Calculators and wall displays that could provide children with answers will be removed from the room the MTC is taking place in.

**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...)

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**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:

   x    =       



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

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The Year 4 programme of study for mathematics (National Curriculum) also states, 'pupils should be taught to recall multiplication and division facts for multiplication tables up to  $12 \times 12$ '.

However the MTC only assesses the instant recall of multiplication facts. Multiplication and division in a wider context will continue to be assessed through the KS1 and KS2 mathematics assessments.



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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  $3 \times 4$  they won't be asked about  $4 \times 3$ ).



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

Once the child has inputted their answer on the computer / device they are using, there will be a three-second pause before the next question appears.

Children will be given the opportunity to practise answering questions in this format before the official check begins.



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## What is the pass mark for the test?

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

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?

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- Through songs (Youtube)
- Daily chanting exercises
- Times Tables Rockstars test sheets and games
- Using knowledge of key table facts (e.g. doubling, compensating)
- Multiplication games
- Daily recall tasks.



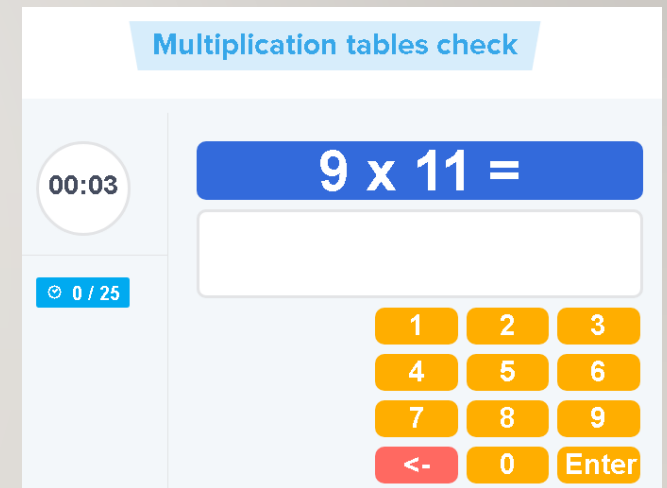
## What else is the school doing to prepare pupils for the MTC?

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### BASELINE TEST

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

- In school test
- Your child can also use this online tool to practise at home
- Administered at the beginning of the year to assess each child's starting point and gaps in learning



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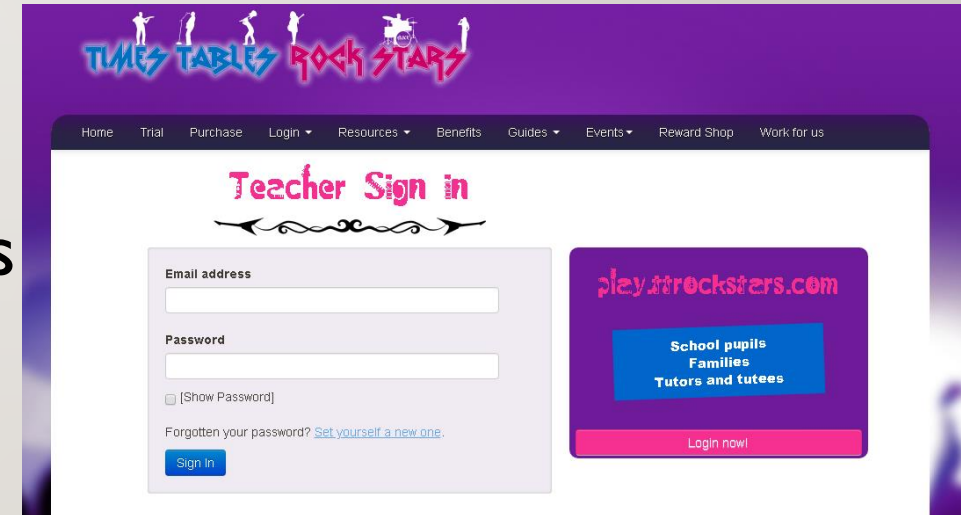
# What else is the school doing to prepare pupils for the MTC?

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## TIMES TABLES ROCKSTARS

<https://ttrockstars.com/login>

- At home and in-school learning platform
- Get your child to practise daily for 15 minutes



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What else is the school doing to prepare pupils for Multiplication Tables Check?

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## TIMES TABLES HOMEWORK

- At home and in-school learning tool
- Get your child to practise weekly

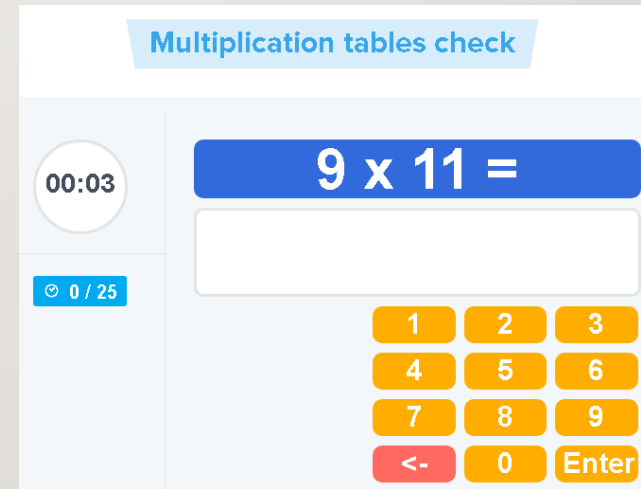
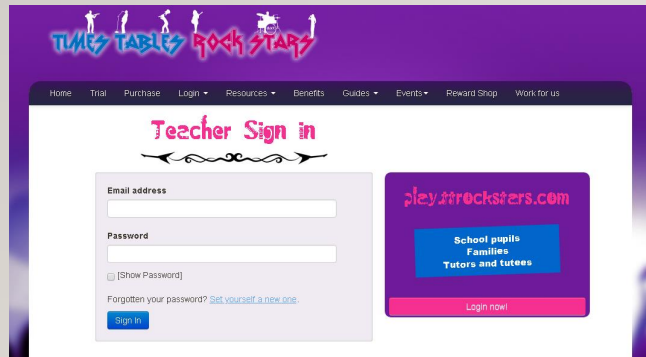


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# What can you do at home to support your child?

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Times Tables Rock Stars <https://ttrockstars.com/login>  
<https://www.timestables.co.uk/multiplication-tables-check/>



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## Useful Websites

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NATIONAL CURRICULUM

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/335158/primary\\_national\\_curriculum\\_-\\_mathematics\\_220714.pdf](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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**Thank you very much for taking the time to  
attend this workshop!**

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*Should there be any further developments in regards to the MTC,  
we will keep you updated.*



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## Useful Websites

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- 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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