

YEAR 4 TIMES TABLES CHECK

PARENT WORKSHOP : MAY 2021



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



What were the times tables expectations prior to the introduction of the Multiplication Tables Check (MTC)?

. Primary-school children were expected to know all their times tables up to 12×12 by the time they reached Year 6 and they were not formally tested on them other than through multiplication questions in the Year 6 Maths SATS examinations.



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.



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 Marshill Primary School took part in.
- .The MTC is an on-screen assessment designed to determine whether pupils are able to fluently recall their multiplication tables up to 12×12 .



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 were required to administer the MTC to Year 4 pupils.

. However, with the start of the COVID-19, this has been delayed.

. Planned introduction as a statutory assessment in the 2021/22 academic year.



What if my child has a statement of special educational needs?

- . Children with special educational needs will be provided for when taking the MTC e.g., extra time, an adult to read out the question, an enlarged screen, etc.
- . Some pupils may be withdrawn from the assessments.



When will the Multiplication Tables Check be administered?

- . All Year 4 children will have their multiplication skills tested between Monday 7 June and Friday 25 June.
- . Teachers 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?

- . School / level results will allow us to provide additional support to pupils who require it.
- . Pupils will not see their individual results when they complete the check. Schools will see the individual results later in June.
- . These optional MTC tests will not be used in analyse of a schools performance.



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.



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:

$$_ \times _ = _$$



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

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 12×12 '.

. 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.



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).



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.



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://www.gov.uk/government/collections/multiplication-tables-check>



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

- TT Rockstars
- Superhero's
- Mathletics
- Using knowledge of key table facts (e.g. doubling, compensating)
- Multiplication games
- Daily recall tasks – Fluent in Five

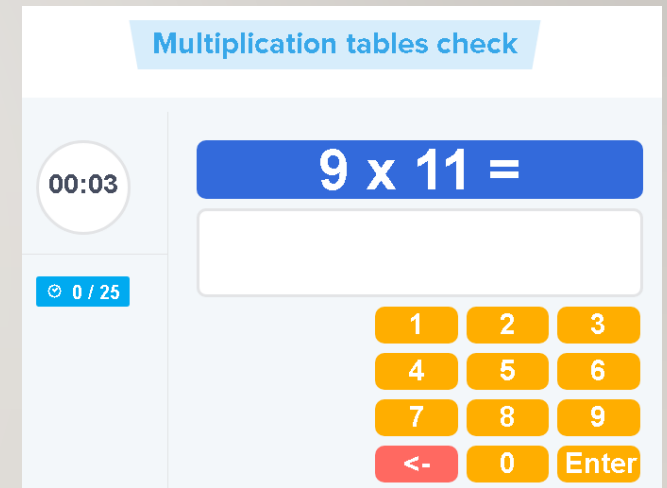


What else is the school doing to prepare pupils for the MTC?

BASELINE TEST

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

- . In school tests
- . 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

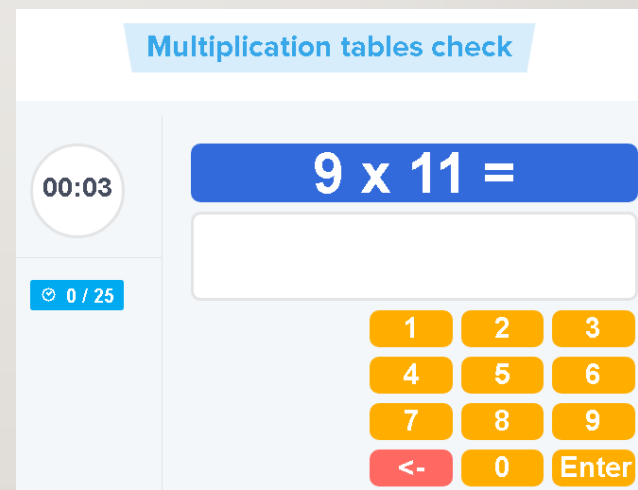
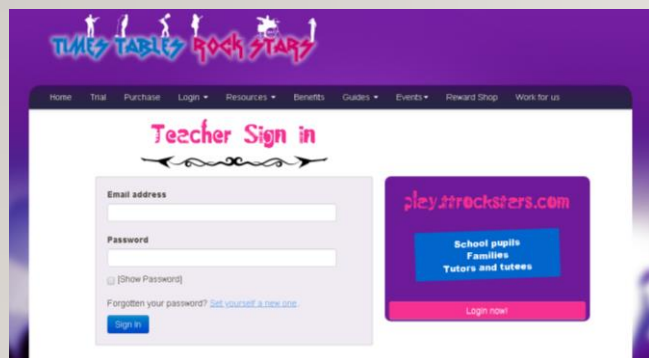


The screenshot shows the 'Multiplication tables check' interface. On the left, there is a timer showing '00:03' and a progress indicator '0 / 25'. The main area displays the multiplication problem '9 x 11 =' in a blue box, followed by an empty input field. Below the input field is a numeric keypad with buttons for digits 1-9, 0, a left arrow, and an 'Enter' button.



What can you do at home to support your child?

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



Useful Websites

DEPARTMENT OF EDUCATION (DFE)

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



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/)
- MATHLETICS [HTTPS://LOGIN.MATHLETICS.COM/](https://login.mathletics.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/)
- DFEE VIDEO [HTTPS://WWW.GOV.UK/GOVERNMENT/COLLECTIONS/MULTIPLICATION-TABLES-CHECK](https://www.gov.uk/government/collections/multiplication-tables-check)



Questions?

