

# YEAR 4 TIMES TABLES CHECK

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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 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  $12 \times 12$  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?

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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.



## 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- which Pondhu Primary School took part in.



## 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.

# 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 2023-2024.
- Schools will have a 2 week window to administer the MTC.
- We 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?

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- 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.



## How will the Multiplication Tables Check be administered?

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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...)

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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:

$$\_ \times \_ = \_$$

## 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.

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

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**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  $4 \times 3$ ).



# How will the Multiplication Tables Check be administered?

(continued...)

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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.

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

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- Times Tables Rockstars
- Chanting
- Times tables tests-quick quizzes of 100 questions
- Using knowledge of key table facts (e.g. doubling, compensating)
- Multiplication games e.g hit the button
- Identifying patterns using numicon.
- Daily recall tasks.

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

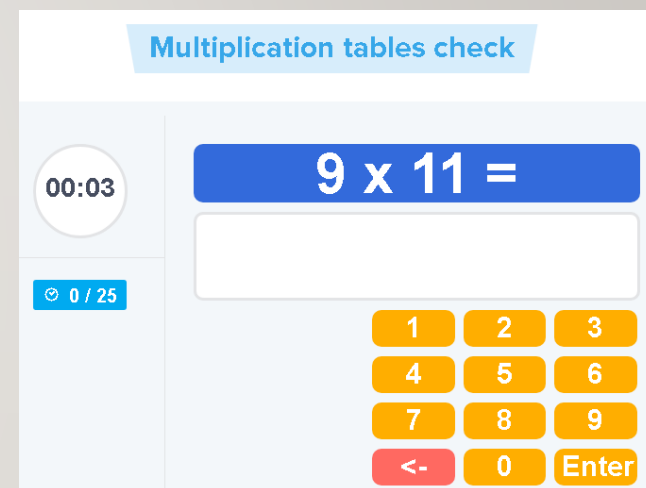
## BASELINE TEST

Times Tables Rockstars- soundcheck

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

-In school test

-Your child can also use these online tools to practise at home



Multiplication tables check

00:03

0 / 25

$9 \times 11 =$

1 2 3

4 5 6

7 8 9

<- 0 Enter

What can you do at home to support your child?

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# Practise

- Play games
- chant the times tables
- practice online games

Multiplication tables check

00:03

0 / 25

$9 \times 11 =$

|    |   |       |
|----|---|-------|
| 1  | 2 | 3     |
| 4  | 5 | 6     |
| 7  | 8 | 9     |
| <- | 0 | Enter |



# Useful Websites

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- TTRS- [HTTPS://PLAY.TTROCKSTARS.COM/](https://play.ttrockstars.com/)
  - 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/)
- EDUCATION CITY- [HTTPS://WWW.EDUCATIONCITY.COM/](https://www.educationcity.com/)
- TOPMARKS [HTTPS://WWW.TOPMARKS.CO.UK/](https://www.topmarks.co.uk/)
  - [DFE VIDEO - HTTPS://YOUTU.BE/GHAJMJUSAAC](https://youtu.be/GHAJMJUSAAC)

# Questions?