



YEAR 4

MULTIPLICATION TABLE CHECK

# WHAT IS IT?

- The multiplication tables check (MTC) is statutory for all year 4 in England.
- The purpose of the MTC is to determine whether pupils can recall their times tables **fluently**, which is essential for future success in mathematics.
- It will help schools to identify pupils who have not yet mastered their times tables, so that additional support can be provided (Gov.UK, 2022).
- The Multiplication Times Tables Check is an online test where the pupils are asked 25 questions on times tables 2 to 12.
- For every question, you have 6 seconds to answer, and in between the questions, there is a 3-second rest.
- Questions about the 6, 7, 8, 9, and 12 times table come up more often.
- The questions are generated randomly based on the rules of the MTC.

# WHEN WILL IT TAKE PLACE?

- There will be a **2 week window** from **Monday 5<sup>th</sup> June 2023** for schools to administer the check.
- There is no set day to administer the check and children are not expected to take the check at the same time.
- All eligible Year 4 children in England will be required to take the check.

# WHAT DOES IT LOOKS LIKE?

- The check will be **fully digital**.
- Answers will be entered using a keyboard, by pressing digits using a mouse or using an on-screen number pad.
- Usually, the check will take **less than 5 minutes** for each child.
- The children will have **6 seconds** from the time the question appears to input their answer.
- There will be a total of **25 questions** with a 3 second pause in-between questions.
- There will be 3 practice questions before the check begins.

# WHAT DOES IT LOOKS LIKE?

The test is very similar to what the sound check option on TTRockstars looks like which is why we get the children to complete a soundcheck daily.

If you haven't seen your child use it here is how it looks:



# WHAT IF MY CHILD CANNOT ACCESS THE CHECK?

There are several access arrangements available for the check, which can be used to support pupils with specific needs. Your child's teacher will ensure that the access arrangements are appropriate for your child before they take the check in June.

The check has been designed so that it is inclusive and accessible to as many children as possible, including those with special educational needs or disability (SEND) or English as an additional language (EAL). However, there may be some circumstances in which it will not be appropriate for a pupil to take the check, even when using suitable access arrangements.

Some children will be eligible for specific arrangements:

- Colour contrast;
- Font size adjustment;
- 'Next' button (alternative to 3-second pause);
- Removing on-screen number pad;
- An adult to input answers;
- Audio version;
- Audible time alert.

# WAYS TO SUPPORT TIMES TABLE KNOWLEDGE

A good way to prepare is to build a daily routine practising the times tables which is what we have been doing in school by using TTRockstars daily. With regular practise children will learn all the questions and gain confidence. We suggest practising 10 to 15 minutes a day for optimal results.

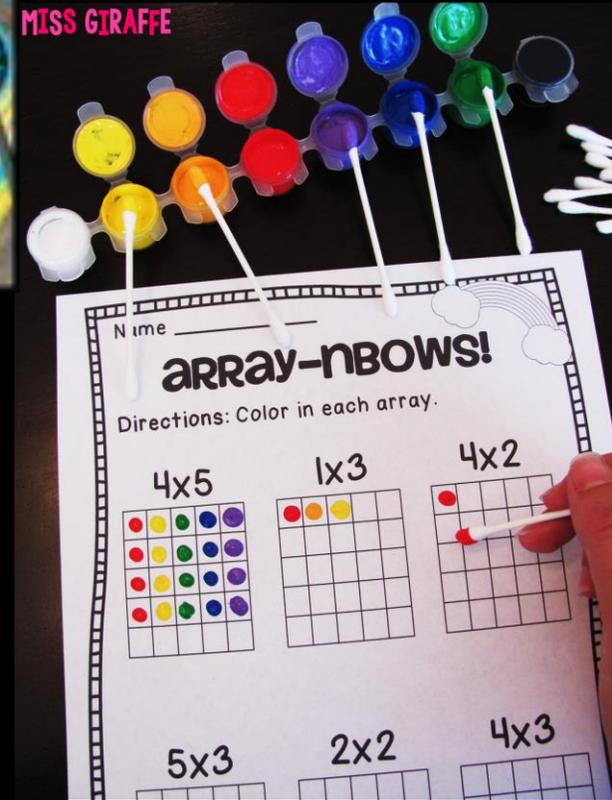
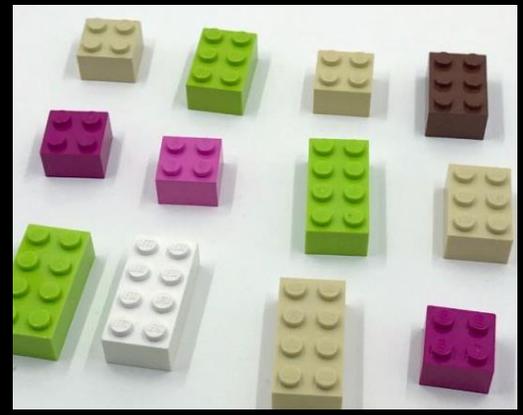
Additional practise at home will be only beneficial but this could be done in a variety of ways:

- Count and look for patterns.
- Understand that multiplication is repeated addition.
- Remember that multiplication is commutative.
- Remember that multiplication is the inverse of division.
- Recall and utilise number families.

Use different representations to represent multiplication, such as:

- Concrete manipulatives such as multilink cubes or counters.

- Using **Super movers** to sing and practice the times tables.
- Use the **times table fitness videos** to keep active.
- **Chanting** the times tables out loud.
- Quick Fire Questions in the car.
- Use arts and crafts to make arrays. →
- Use **online games** e.g. TTRstars, topmarks.co.uk, mathsframework.co.uk
- Multiply with dice-in-dice
- Make **LEGO arrays** →



# HOW WILL THE RESULTS BE USED?

Schools will have access to all their pupils' results, allowing those pupils who need additional support to be identified.

Your child's teacher will share your child's score with you, as they would with all national curriculum assessments. There is no pass mark for the check.

As is the case with the phonics screening check, school-level results will be available to selected users including Ofsted via the Analyse School Performance (ASP) data system<sup>2</sup>

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.

**School level results will not be published in performance tables.**