

## Y4 Multiplication <br> Tables Check (MTC)

Information for parents and carers

## What is the MTC?

- The MTC is an online test that Year 4 pupils take, as a check on fluency of recall of multiplication facts.
- It checks whether pupils are meeting the expected standard for their year group before moving to Upper Key Stage 2 (Year 5 and Year 6):
'By the end of year 4, pupils should have memorised their multiplication tables up to and including the 12 mulifipication table and show precision and fluency in their work.'
- The check is to identify children who may need additional support, so they can access the demands of the Y5 and Y6 maths curriculum with success.


## How will the check be administered?

The check is an online test.
Children will use iPads to access it.


- Children will have 6 seconds to answer each question in a series of 25 questions.
- There will be a 3 second pause between each question.
- The test will last no longer than 5 minutes and is similar to other tests already used.


## When will the check take place?

- The check will be taken by children in Year 4, in the summer term (during a three week period in June). School will decide which day to administer the check.
- Teachers will have the flexibility to administer the check to individual pupils, small groups or a whole class at the same time.
- Calculators and wall displays that could provide children with answers will be removed from the room the MTC is taking place in.



## The questions

Each pupil will be assigned a randomly set of questions.
Children will only face multiplication statements in the check (not related division facts).

Pupils will not see their individual results when they complete the check.
5.2.1 Table 1 - Multiplication table limits in the MTC

| Multiplication <br> Table | Minimum number <br> of items in each <br> form | Maximum number <br> of items in each <br> form |
| :---: | :---: | :---: |
| $\mathbf{1}$ | Not applicable | Not applicable |
| $\mathbf{2}$ | 0 | 2 |
| $\mathbf{3}$ | 1 | 3 |
| $\mathbf{4}$ | 1 | 3 |
| $\mathbf{5}$ | 1 | 3 |
| $\mathbf{6}$ | 2 | 4 |
| $\mathbf{7}$ | 2 | 4 |
| $\mathbf{8}$ | 2 | 4 |
| $\mathbf{9}$ | 2 | 4 |
| $\mathbf{1 0}$ | 0 | 2 |
| $\mathbf{1 1}$ | 1 | 3 |
| $\mathbf{1 2}$ | 2 | 4 |

There will always be questions from the $3,4,5,6,7,8,9,11$ and 12 multiplication tables in each check.

There will be no questions from the 1 times table (i.e $1 \times 8$ or $8 \times 1$ ).

The $6,7,8,9$ and 12 times tables are more likely to be asked.

There will only be a maximum of 7 questions from the 2,5 and 10 times tables.

Reversal of questions will not feature in the same check.

# Trickiest tables 

| $6 \times 6=36$ |
| :---: |
| $7 \times 6=42$ |
| $8 \times 6=48$ |
| $9 \times 6=54$ |
| $12 \times 6=72$ |
|  |
|  |
|  |
| $\times 7$ |
|  |
|  |
|  |

$12 \times 12=144$

## National Curriculum objectives relating to times tables

| Year One | Count in multiples of twos, fives and tens. |
| :--- | :--- |
| Year Two | Recall and use multiplication and division facts for the 2,5 and 10 <br> multiplication tables, including recognising odd and even numbers. |
| Year Three | Recall and use the multiplication and division facts for the 3,4 and 8 <br> multiplication tables. |
| Year Four | Recall and use multiplication and division facts for multiplication tables up to <br> $12 \times 12$. |

## How we teach times tables in Y 3 and 4



We follow a programme called Number Sense that teaches the times tables in small, manageable chunks.

The children chant the tables and use the display in the classroom to help them remember.

You can read more about this approach here:
https://static 1.squarespace.com/stati c/5de7d263e2f33718444c2a10/t/64b1 14a87d8e3a539397aa72/16893267609 09/Fluency+in+number+facts.pdf

## TT Rockstars

- In addition to using Number Sense, children may also use TT Rockstars to practise their tables.
- Children should play in Garage as their teacher will set the tables they need to practise.



## Useful websites

Once your child is secure with all the times tables they can practise on a
 range of websites:

- https://maths-games.org/times-tables-games.html
- https://www.topmarks.co.uk/maths-games/7-11-years/times-tables
- https://www.teachingtables.co.uk/
- https://www.multiplication.com/games

Information for parents:
2024 multiplication tables check


## For more information please follow the link below:

https://www.gov.uk/government/publications/multi plication-tables-check-information-for-parents

