

Year 4 Multiplication Tables Check (MTC)

Parent Information Meeting

20.02.24

Do you have a child in year 4 at primary school?

If so, they will be taking the statutory multiplication tables check (MTC) for the first time, in June this year.

The purpose of the check is to determine whether pupils can fluently recall their times tables up to 12, which is essential for future success in mathematics. It will also help your child's school to identify pupils who may need additional support.

Why is learning times tables important for my child?

When our children first start to multiply, they use their fingers, counters and paper to help them add on the right number again and again. This takes a lot of time and it's easy to make mistakes. Yet the need to multiply is everywhere - in almost all areas of maths and throughout our normal lives. Budgeting, shopping, craft, DIY and cookery are just a few examples of everyday activities in which we use multiplication tables. If our children learn their times tables, all of these calculations become much easier. But for many children, remembering strings of numbers is hard.

The times- tables check

Government expectations

Nick Gibb “...the multiplication tables check will help teachers identify those pupils who require extra support. This will ensure that all pupils leave primary school knowing their times tables by heart and able to start secondary school with a secure grasp of fundamental arithmetic as a foundation for mathematics.”

What times-
tables will my
child be
learning and
when?

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	Count in steps of 2 Double and halve	Count in steps of 3 Count in steps of 5 and 10	Multiplication facts for 5 and 10	Multiplication facts for 2, 5 and 10	Multiplication facts for up to 6×3 (1 st half of 3xtable)	Multiplication facts for up to 12×3 (2 nd half of 3x table)
Year 3	Multiplication facts for up to 6×4 (1 st half of 4xtable)	Multiplication facts for up to 12×4 (2 nd half of 4xtable)	Multiplication facts for up to 6×8 (1 st half of the 8x table)	Multiplication facts for up to 12×8 (2 nd half of the 8x table)	Multiplication and division facts for 2,5,10 and 3, 4 and 8	Multiplication and division facts for 2,5,10 and 3, 4 and 8
Year 4	Multiplication facts for up to 6×6 (1 st half of the 6xtable) Multiplication facts for up to 12×6 (2 nd half of the 6x table)	Multiplication facts for up to 6×9 (1 st half of the 9xtable) Multiplication facts for up to 12×9 (2 nd half of the 9x table)	Multiplication facts for up to 6×12 (1 st half of the 12xtable) Multiplication facts for up to 12×12 (2 nd half of the 12x table)	Multiplication facts for up to 6×11 (1 st half of the 11xtable) Multiplication facts for up to 12×11 (2 nd half of the 11x table)	Multiplication facts for up to 6×7 (1 st half of the 7xtable) Multiplication facts for up to 12×7 (2 nd half of the 7x table)	Multiplication and division facts for up to 12×12
Year 5	<ul style="list-style-type: none"> Consolidation and practise of all multiplication and division facts up to 12×12 Diagnosis of gaps 					
Year 6	<ul style="list-style-type: none"> Differentiated programme of support to plug gaps in times tables knowledge 					

How can I start to help my child?

- ❖ Little and often
- ❖ Find a pattern - 2, 5, and 10 times table
- ❖ Songs and Rhymes
- ❖ Doubling, doubling and doubling again for the 4 and 8 times table
- ❖ Reciting
- ❖ Games - including online
- ❖ <https://www.oxfordowl.co.uk/for-home/advice-for-parents/help-with-times-tables/>
- ❖ Questions everywhere - in the bath, in the car etc.

Baseline Test

\times	2	5	3	4	8	6	7	9	11	12
2										
5										
10										
3										
4										
8										
6										
7										
9										
11										



Instructions

You have 5 minutes to do your best.

In the boxes, write the answer you get when you multiply the number to the left by the number above.

For example, in the first box you write the answer to 2×2 . In the last box you write the answer to 11×12 .

Hint: you can start with your favourite rows or columns. You don't have to start with row 1.

How many can you answer in 5 minutes?

Times-tables Rockstars

- ❖ Aim - to increase the recall speed of times tables in a fun and competitive way.
- ❖ How does it work?
- ❖ Avatar - children choose their character name and buy accessories for it depending upon what they have won in each game played.
- ❖ There are four game types that differ according to which times tables the questions come from and whether it's a single- or multi-player game.

What is the MTC then?

The MTC is an on-screen check consisting of 25 times tables questions. Your child will answer 3 practice questions before moving on to the official check, and will then have 6 seconds to answer each question. On average, the check should take no longer than 5 minutes to complete.

MTC has been extensively trialled and tested over its development. In March 2018 we ran a trial with over 1000 pupils to establish an appropriate time limit for year 4 pupils to demonstrate fluent recall and give them the time to input their answers. During the national voluntary pilot in June 2019, just under 400,000 children successfully sat the check with the 6-second time limit.

What if my child cannot access the check?

There are a number of accessibility features available in MTC to assist children with special educational needs and disabilities. These were developed with schools and pupils to ensure they do not disadvantage children that require additional support. Schools will be able to try these out with your child to ensure they are appropriate, prior to the check window in June.

However, there are some circumstances in which it may not be appropriate for a pupil to take the check. If you have any concerns about your child being able to access the MTC, you should talk to your child's headteacher.

How will the results be used?

Schools will be able to view their results once all participating pupils have taken the check. Schools will then share your child's score with you, as they would with all national curriculum assessments.

Statistics on MTC data will be published on GOV.UK at a local authority and national level by October. This will help schools understand how they are performing. School and pupil level data will not be published.

Do not worry if your child is not working at the expected standard.

It is important to remember that these results will help teachers identify where your child may need extra help. If you have any questions about your child's results and what support they might need, you should speak to their teacher.



How can TT Rock Stars help you prepare?

[Find out more](#)

Our data suggests that the more children use Time Tables Rock Stars, the higher their MTC score will be. Our MTC Support Package (available to all our active subscribers) will help you to ensure that you maximise this impact!



What websites can my child use?

<http://www.timestables.me.uk/printable-pdf-quiz-generator.htm> (Good for division questions)

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Search for times tables on <https://www.topmarks.co.uk> (Daily 10 is good for quickfire Arithmetic questions/ Hit the button is good too)

https://www.transum.org/Tables/Times_Tables.asp

<https://www.timestables.co.uk/>

<http://www.maths-games.org/times-tables-games.html>

http://www.mad4maths.com/multiplication_table_math_games/

<http://www.crickweb.co.uk/ks2numeracy-multiplication.html>

<http://www.teachingtables.co.uk/>

<http://www.multiplication.com/games>

<http://www.learnyourtables.co.uk/>

<https://www.oxfordowl.co.uk/for-home/advice-for-parents/help-with-times-tables/>
includes a helpful parents guide.

[MTC - Multiplication Tables Check - URBrainy.com](http://www.urbrainy.com/mtc)

Any questions?

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