



Multiplication Tables Check (MTC) at Downsway

The Test

- **Why was this check created?**

- Set up by government to determine how quickly children can fluently recall all 12x12 facts
- They argue multiplication knowledge is critical to everyday life
- Follows them through their school life in multiple areas of mathematics

- **When was the MTC first introduced?**

- Pilot scheme was launched in 2019, which was completed at Downsway and we have undertaken every year since

- **What has been identified?**

- The 7 and 8x tables are the hardest to learn
- Year 4 have the most pressure to learn the tables

How the MTC works

- Test date window is two weeks, **commencing 3rd June 2024**
- No set date to take the test but must be completed in two week window
- *There is a third week if someone has been absent*
- At Downsway, we will take the test via touchscreen using an on-screen number pad. However, various accessibility arrangements can be made (e.g. colour screen tint, font size, audio version, pause next question option)
- ***Pupils and schools will be able to access a practice area prior to the check window opening, in order to become familiar with the MTC format. This is completed at school.***

How the MTC works

- On the day, each pupil will be randomly assigned a set of questions. They are given 3 practice questions to refamiliarise themselves with the system.
- After the practice, they have a further **25 questions**, each worth one mark
- They are given 6 seconds to answer each question and have a 3 second pause between each question. They will only be given multiplication statements.
- Whatever is written in the answer box at the end of 6 seconds will be counted as the answer i.e. if the student intends to write 144 and only 14 is typed when the timer ends, their recorded answer is 14
- Questions will all follow the same format:

$$N1 \times N2 = \text{[Orange Box]}$$

At the end of the MTC

- The school are provided with a score out of 25 for each pupil who sat the test
- There is **no expected threshold**. It will focus on the children's fluency, the main reason for the MTC.
- The results will be sent out with the children's end of year reports.
- School then use data to look at teaching quality and what can be improved to help with fluency.

Which tables are more likely to be there?

5.2.1 Table 1 – Multiplication table limits in the MTC

- No questions from the 1 times table (i.e 1×8 or 8×1).
- **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. For example 8×3 and 3×8 .

Multiplication Table	Minimum number of items in each form	Maximum number of items in each form
1	Not applicable	Not applicable
2	0	2
3	1	3
4	1	3
5	1	3
6	2	4
7	2	4
8	2	4
9	2	4
10	0	2
11	1	3
12	2	4

What are Downsway doing to prepare?

- Times table rockstars 3x times a week
- Daily 10min practice booklets, which have been coming home with the children
- Weekly recaps, verbal maths starters and recall games
- Maths Curriculum coverage – increased mastery and fluency
- Focused interventions
- Half termly tests to see which tables are still lacking fluency and recall

How can I help my child prepare?

- **Keep it visible** – make a display together, put a different one up each week to focus on, colour helps some children remember
- **Frequent practice** – 10mins daily or 3x a week helps keep it memorable
- **Sing the tables to songs** – Supermovers on BBC, YouTube songs/raps, covers of popular songs
- **Games** – make the tables into games, play snap or finding matching pairs, online sources (shown on website)

Useful resources

Timestables.co.uk

Learn your times tables

At timestables.co.uk you can easily practise all of your tables. The arithmetic problems are clear and simple so you can immediately get started on practicing your tables. Select one of the times tables you wish to practise from the list below and show what you can do on the speed test, Multiplication Tables Check or printout great worksheets.

Which times tables do you want to learn?

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

Practise the Multiplication tables check



[Multiplication tables check](#)

[Speed test and times tables diploma.](#)

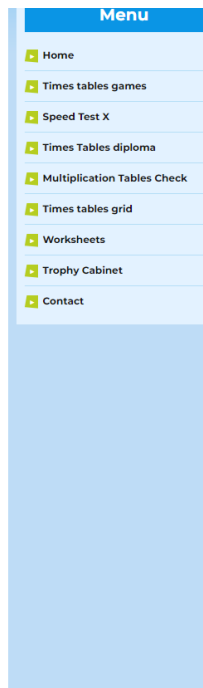


[Times tables games](#)

Play against other players!



[Multiplayer Speed Quiz](#)



Mathsframe.com

Multiplication Tables Check

This activity exactly mirrors the 'Multiplication Tables Check' that will be given to children at the end of Year 4. They are tested on their multiplication tables up to 12 x 12. There are twenty-five questions and children have six seconds to answer each question and three seconds between questions. The questions are generated randomly using the same rules as the 'Multiplication Tables Check' (see below).

Results can be downloaded and printed at the end of the test.

A similar activity which tests recall of [number bonds](#) can be found [here](#).

[For more multiplication games click here.](#)

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Scan to open this game on a mobile device. Right-click to copy and paste it onto a homework sheet.

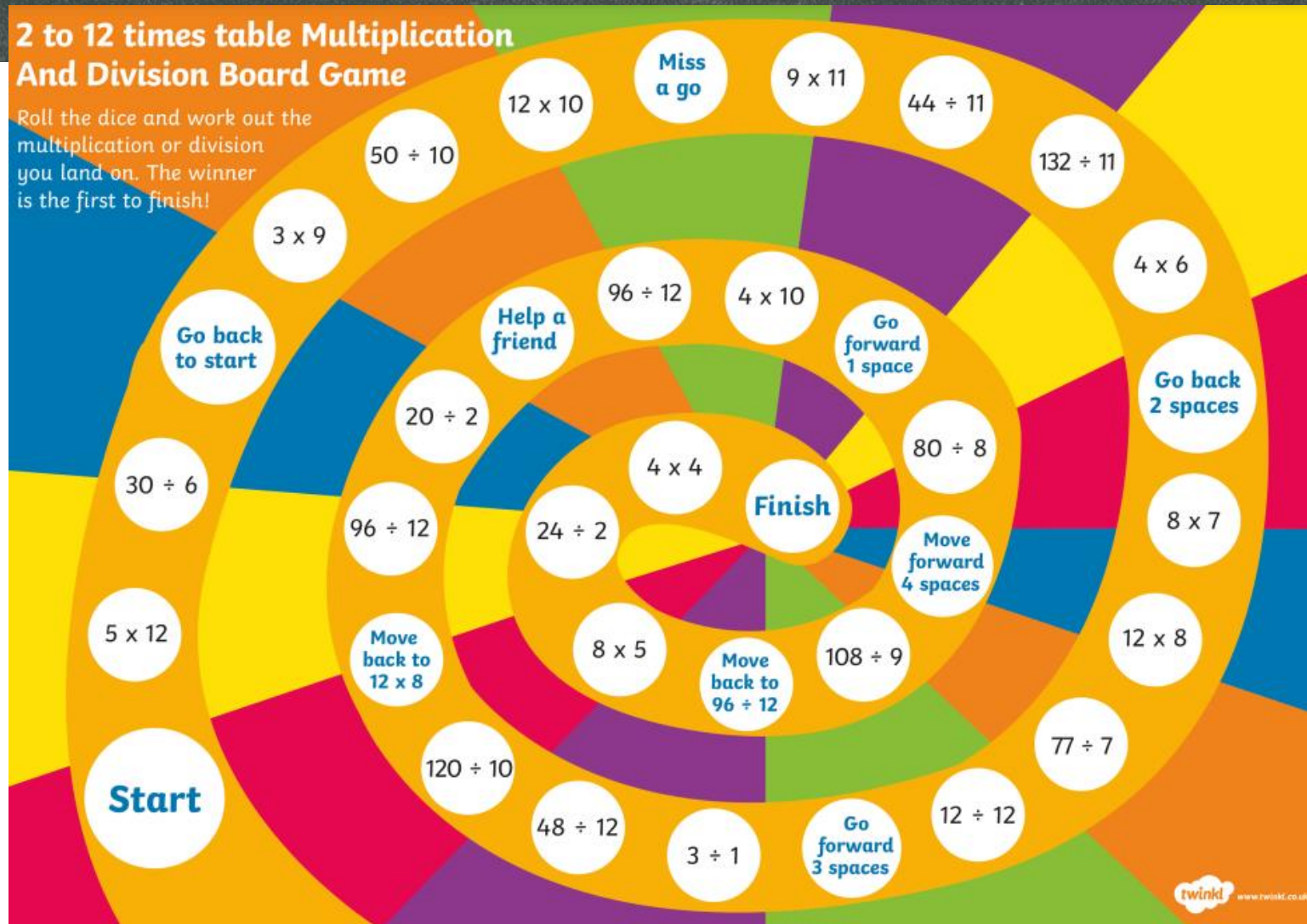


How can I help my child prepare?

1. Encourage them to play Times Table Rockstars as much as possible. ***The soundcheck area is a very close match to the layout and timing of the MTC.***
2. Play **number hunt**:

Make a set of times table cards with your child. One side should be a question and the other have the answer. Around the house, garden or open space have another set of answer cards hidden. Set them off from 'base' to find the answer. Once they have found the correct answer they come back to 'base' to collect a new question. The children aren't cheating if they have to check the answer, they are just reassuring themselves and building their confidence. Make it a competition with siblings to help motivate!

Create board games



Important to remember

- 1. Don't panic.** We have plenty of time and the children shouldn't see times tables as a scary thing!
- 2. Take some time.** We understand you all have things on outside of school. We are just encouraging you to practise as much as possible, twice a week for 10 minutes is better than no time at all.
- 3. We can help.** If you have concerns, please do email the office and let us know. We will do all we can to help.

We will keep you informed with any changes!

The background features a dark, textured surface with various white, chalk-like sketches of educational icons. These include a large letter 'V', a globe showing continents, a microscope, a stack of books, a cross, an open book with text, a percentage sign, and a less-than sign.

Year 4

Ufton Court Residential

10-12th June 2024

Updates

- This term we will organise:
 - Cabin arrangements
 - Dietary requirements
 - Confirm the drop off and pick up times
- Meetings where requested, email is on it's way to you.

Day Plans

Day 1:	Day 2:	Day 3:
Arrival at 10am	Bow Making / Archery	The Battle of Reading
Introduction Story	Life on the Farm	Traditional games
Learning to fight like Vikings	Costume change	Pick up from 1pm.
Voyage across the seas	Viking Feast	
Photomapping	Nordic tales	
Cabin introduction and sorting rooms		
Funeral drama		
Crime and Punishment		

Payment Schedule

Payment schedule could be:

Payment	Amount	Due by:
Deposit*	£50	31 st October
Payment 2	£40	November
Payment 3	£40	February
Payment 4	£40	March
Final amount	£32.50	April

OR

You can pay the full price of £202.50 in one go

Questions

Thank you for coming, any concerns, please do come and speak to me! 😊

*Thank
you!*